

ZELL R. ROBINSON LIBRARY



Saint Augustine's College

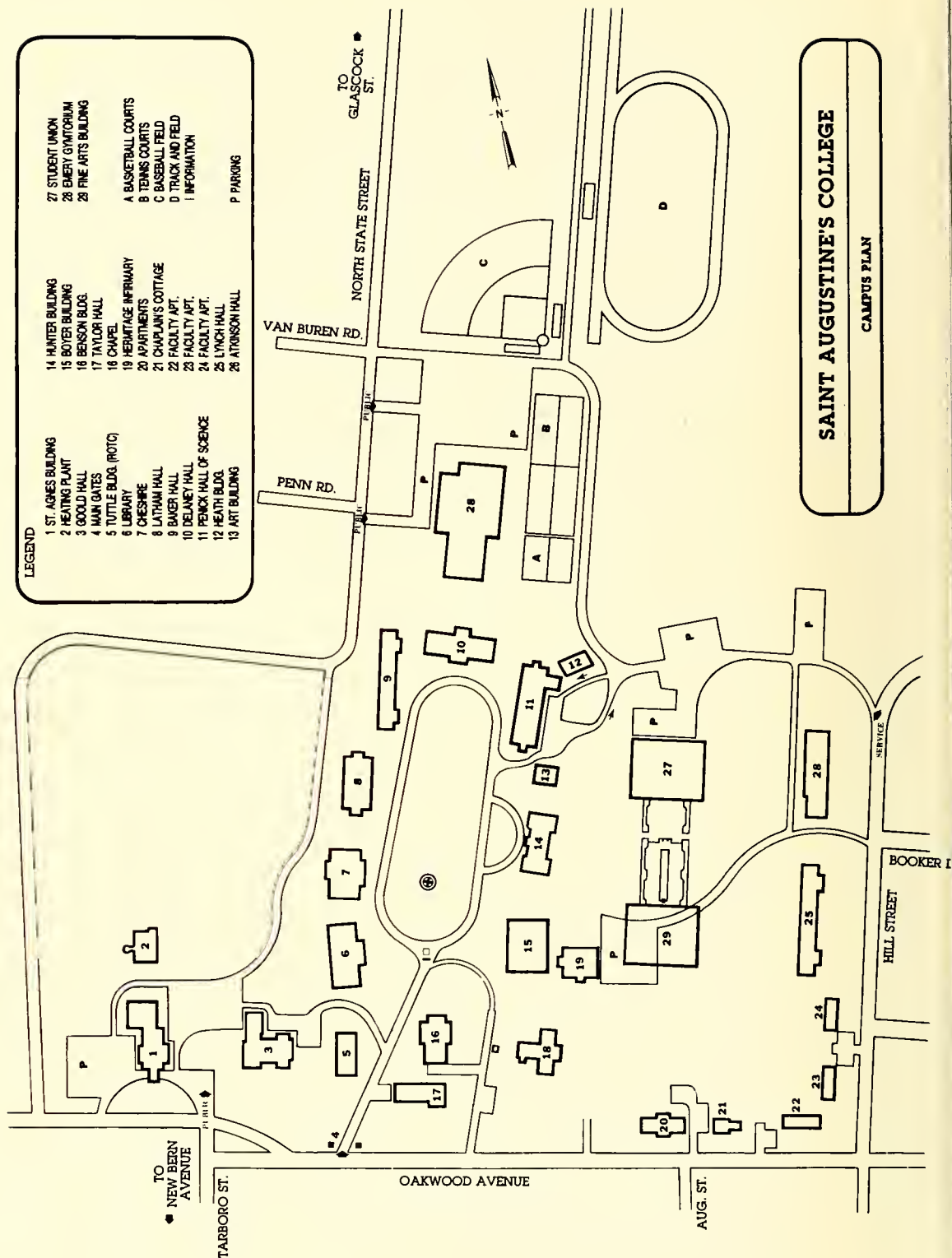
LEGEND

- 1 ST. AGNES BUILDING
- 2 HEATING PLANT
- 3 GOOD HALL
- 4 MAIN GATES
- 5 TUTTLE BLDG. (ROTC)
- 6 LIBRARY
- 7 CHESHIRE
- 8 LATHAM HALL
- 9 BAKER HALL
- 10 DELANEY HALL
- 11 PENICK HALL OF SCIENCE
- 12 HEALTH BLDG.
- 13 ART BUILDING

- 14 HUNTER BUILDING
- 15 BUTLER BUILDING
- 16 BENSON BLDG.
- 17 TAYLOR HALL
- 18 CHAPEL
- 19 HERMITAGE INFIRMARY
- 20 APARTMENTS
- 21 CHAPMAN'S COTTAGE
- 22 FACULTY APT.
- 23 FACULTY APT.
- 24 FACULTY APT.
- 25 LYNCH HALL
- 26 ATONSON HALL

- A BASKETBALL COURTS
- B TENNIS COURTS
- C BASEBALL FIELD
- D TRACK AND FIELD
- I INFORMATION

P PARKING



SAINT AUGUSTINE'S COLLEGE

CAMPUS PLAN

Saint Augustine's College



1 The Prezell R. Robinson Library, dedicated May 13, 1984, was erected in 1972 and currently houses approximately 119,231 volumes.

DR. PREZELL R. ROBINSON, President

DR. THELMA ROUNDTREE, Vice President for Academic Affairs

Announcements for 1984-1985

Vol. LXXIII

MARCH-APRIL 1984

No. 4

PUBLISHED BIMONTHLY DURING THE COLLEGE YEAR BY ST. AUGUSTINE'S COLLEGE.
SECOND CLASS POSTAGE PAID AT RALEIGH, N.C. 27611

DR. PETE HOLMAN, Editor
MR. WILLIE L. BRYANT, Associate Editor
MS. LUGENIA ROCHELLE, Associate Editor



Saint Augustine's College

PRESIDENT'S MESSAGE

I am delighted to welcome all returning and new students to Saint Augustine's College. The many sectors of this institution have been planned, developed and implemented carefully to make available to our students a comprehensive but personal academic and social experience leading to graduation and preparation for life in a dynamic and complex society. You have my personal guarantee that Saint Augustine's College will offer all its students a reasonable blend of humanistic concerns, sound pedagogy, academic integrity, common sense and a measure of fun.

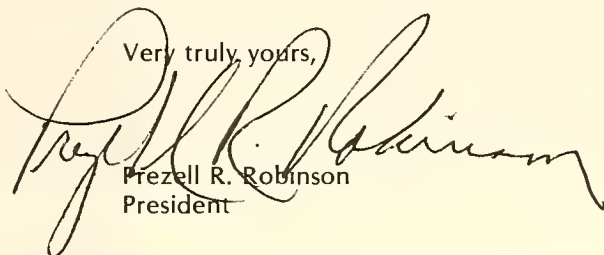
A productive and stable society requires useful services and citizenries fully capable of understanding and exercising their political rights and options. You may be assured that we at this college will continue to do all that we possibly can to help you in your preparation to serve society and fully benefit from the fruits of your contributions. There is no better route to success of which I am aware than an unswerving pursuit of excellence with complete disregard for short cuts. Therefore, your academic, intellectual and social preparation as well as excellence, marketable skills and integrity are paramount to your preparation and success. There simply are no other plausible substitutes, particularly for young people and in the kind of society in which we live.

Saint Augustine's College is dedicated to educating you in the fundamental fields of knowledge and preparing you to be the best you can. This institution will do its best to give you the critical qualities of mind and durable qualities of character which will serve you in circumstances we can't predict.

As your President, I urge you to recognize the importance of good study habits, diligence in your undertakings, and seriousness in your efforts to obtain an educational experience for the purpose of coping with challenges and contributing to society.

Best wishes.

Very truly yours,

A large, fluid, handwritten signature in black ink, which appears to read 'Prezell R. Robinson'.

Prezell R. Robinson
President

2



3



4



2 New College Infirmary and Allied Health Building.

3 The Boyer Building was erected in 1970. It houses some of the administration, classrooms, and faculty offices.

4 Latham Hall



5

5 The Delany Building was erected in 1929 and is a dormitory for young women.

6 Goold Hall was constructed and occupied in 1929. It was built for classroom purposes and as a dormitory for 111 students in nursing. It is now a dormitory for young women.



6



7

7 The Emery Building was erected in 1962 as a gymnasium and classroom facility for Health and Physical Education. It was also used as a multi-purpose building until the New Fine Arts Building was erected in 1976.

8



8 The Music and Fine Arts Building

9 Penick Hall of Science.

10 Martin Luther King Student Union was erected in 1967 and is used as a dining and recreational facility. It also houses the bookstore and the post office.

9



10





11 The Benson Building was erected in 1924 and dedicated in 1929. It was used as a library until 1972 and now houses the Faculty Support Center, the Early Childhood Education Center, the Mathematics Skills Center, the Continuing Education Department, the Computer Center, and some faculty offices.



12 Baker Hall was erected in 1966 and is a dormitory for young women.

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ACADEMIC NOTES

This edition of Saint Augustine's College Bulletin, March-April 1984, is designed to present policies and new curricula as they relate to a viable plan for the institution's survival. These have come into being as a result of careful scrutiny of the mission and goals of the college and establishing appropriate objectives toward the fulfillment of institutional purposes. Accredited by the Southern Association of Colleges and Schools, Saint Augustine's College has continually increased its student body population with national and international students.

The academic curriculum is tri-partite. Fifty percent of the degree offerings relate to liberal arts; twenty-five percent of the offerings relate to teacher education; and twenty-five percent relate to career-related education. Very important to note is that the general education requirements comprise the liberal arts base and/or the core curriculum. Selected courses may also be taken in Honors Programs and Independent Study. The development of field experience programs requires six to twelve hours of internship in majors including allied health, industrial mathematics, industrial hygiene, accounting, business administration, management science, criminal justice, urban affairs, political science, and student teaching. The curricula include programs in experiential education. The academic qualities of these programs present immediate challenge for dedicated faculty to meet the needs and satisfy the interests of the students. In recognizing the aspirations of the students, these curricula prepare students for professions, graduate schools, and careers.

Among the academic opportunities at Saint Augustine's are cooperative majors in engineering and psychology with North Carolina State University at Raleigh and in industrial hygiene with the University of North Carolina at Chapel Hill. Opportunities are also available for cooperative majors in music and art with Cuttington College in Monrovia, Liberia.

The Reserved Officers Training Corps (ROTC) is another program that provides academic concentration and leadership. Cadets, who are the students, may pursue academic majors leading to the baccalaureate and become commissioned as second lieutenants upon completion of their preparation at this institution.

Excellence is what we aim for at Saint Augustine's. But more important is to fulfill the mission of the college which is to prepare all students to become knowledgeable agents of change — capable, creative, and responsible citizens of independence and integrity; who make positive contributions to society by providing for maximum development of their intellectual capacity, developing practices of scholarship, imagination, wisdom, and judgement.

Thelma J. Roundtree
Vice President for Academic Affairs

HOW TO USE THE CATALOGUE

The catalogue has for its purpose to guide the student in becoming acquainted with general education requirements and major courses of study which might meet his/her major interest. The student who has not decided on a major should carefully examine the Curricula and make his/her selection. The student who desires further information relative to courses or curricula should locate the department offering such courses.

There are certain pertinent areas of information for which the student should become familiar in order that his/her duration at Saint Augustine's College may operate smoothly. The following recommendations are highly encouraged:

- 1) Read the Philosophy, aims and objectives of the college.
- 2) Read carefully the regulations pertaining to admissions and readmission.
- 3) Transfer students should read carefully the section on admission requirements as they pertain to transfer students.
- 4) Foreign students and veterans should become thoroughly familiar with regulations which will apply to them.
- 5) Academic regulations should be carefully examined in general and in the specific major interest.
- 6) Students majoring in an area which does not prepare for teaching should be familiar with the requirements for teacher certification listed in the Education Department in the event of a desire to teach.
- 7) The extensive index should be used to rapidly locate specific information.
- 8) The student should keep this catalogue for the duration of his/her attendance at Saint Augustine's College.

Location of Academic Department Chairpersons and Special Programs

Subject Areas	Locations	Phone Extensions
Art	Art Building	266
Biology	Penick Hall of Science	268
Business	Boyer Building	248-249
Chemistry	Penick Hall of Science and new Health Center	330
Communications	Boyer Building	
Education/Psychology	Boyer Building	253
Engineering	Penick Hall of Science	243
English	Boyer Building	262
Foreign Languages	Boyer Building	241
Physical Education	Emery Building	285
History	Boyer Building	250
Mathematics	Boyer Building	243
Military Science	Tuttle Hall	247-252
Music	Fine Arts Building	313
Philosophy	Student Union	306
Sociology	Boyer Building	322
Special Services	Cheshire	

THE HISTORIC SAINT AUGUSTINE'S COLLEGE CHAPEL



The LICH-GATE by LULU HARRIS ROBINSON

A Lich-Gate of Lych-Gate was dedicated at the entrance walk leading to the Chapel in 1903. "The Lich-Gate, the entrance to the sacred precinct, was a roof to shelter the rood (cross) which was placed above the gateway to mark the boundary of consecrated ground. Pre-Reformation Lich-Gates are very rare. A few gates date from the late Tudor and early Stuart days but by far the greater number is subsequent to the Restoration Act (1660). They became very fashionable in 1666 in England because an Act was passed compelling everyone to be buried in woolen shrouds; the clergy had to certify that this was so; thus, the Lich-Gate made shelter in bad weather desirable and popular. The Church was thus saddled with supporting a political measure of seeing that the corpse was clothed in woolen and all caskets lined with wool right down to 1814.

The only other Lich-Gate that the author knows of in the USA is at Bard College, Annadale On-The-Hudson, New York. This Gate leads into an old cemetery.

On July 15, 1895 the cornerstone of the Chapel was laid. The stone for the foundation and the north transept was taken from the grove near the spring on Saint Augustine's ground. On Christmas Day 1895, the first service was held in the structure and daily services began on Quinquagesima Sunday 1896. The north transept, erected in 1904, was built by students from the Masonary Class of the college.

The bishop's chair was placed in the sanctuary as a memorial to the consecration of the Right Rev. Henry Beard Delany. He was consecrated, November 21, 1918 and was the first Black Bishop graduated from Saint Augustine's and the only Black Episcopal Bishop from North Carolina.

The Altar rail, a memorial to the late Phillips Brooks of Massachusetts, who died in 1893 was an American Episcopal clergyman and Bishop. He was best known and remembered for his Christmas carol "O Little Town of Bethlehem."

The stone Altar is a memorial to Daniel Carrington Taylor, who died 1887 and his wife, Mary Greenlief Taylor, who died 1886. The marble mensa of the Altar contains five circles, symbolic of the five wounds in the body of our Lord. These circles contain stones from the Mantine Prison in Rome and from the Appian Way.

The Chapel maintains both a font and pool for the rite of Baptism. Several persons who have desired to use it, have been immersed in the pool. A rubric in the *Book of Common Prayer* states of an adult, "dip him in water or pour water on his head."

The Saint Augustine's College Chapel has been designated as an historic site by the Wake County Historic Commission.

References:

A History of Saint Augustine's College 1867-1937, Halliburton

Glossary of Architecture 850-1830, Harris and Lever

An American Guide to English Parish Churches, Including Isle of Man.
edited by John Betjamen

Junior Heritage Books "Churches" by Edmund Vale

Everyman's Concise Encyclopedia of Architecture

ACADEMIC CALENDAR FOR 1984-85

FIRST SEMESTER

1984-85

August 13-14 Mon.-Tues.	Faculty-Staff Orientation
August 14 Tues.	Planning Session: Arrival of Freshman and New Students
August 15-16 Wed.-Thurs.	Orientation of Freshman Students
August 20-21 Mon.-Tues.	Registration
August 23 Wed.	Classes Begin and Late Registration Charges Begin
September 3 Mon.	Holiday
September 7 Fri.	Last Day to Add a Course
September 14 Fri.	Last Day to Drop a Course With Refund: Last Day to Drop a Course Without a Grade
September 20-21 Thurs.-Fri.	Examination Period for Removal of Incompletes
September 22 Sat.	Comprehensive English Examination for Juniors
October 4 Thurs.	Last Day to Apply to College for Admission to Candidacy for Graduation
October 8-11 Mon.-Thurs.	Formal Opening Convocation
October 9 Tues.	Mid-Term Examinations
October 22 Mon.	Mid-Term Progress Grades Due in Registrar's Office
October 27 Sat.	Comprehensive Senior Examinations
November 14-20 Wed.-Tues.	Pre-Registration
November 20 Tues.	Thanksgiving Recess (after classes)
November 26 Mon.	Classes Resume at 8:00 a.m.
December 1 Sat.	Undergraduate Record Examination
December 7 Fri.	Reading Day and Christmas Carol Recital
December 10-14 Mon.-Fri.	Semester Examinations
December 14 Fri.	Christmas Recess (after examinations)

SECOND SEMESTER

1984-85

January 3 Thurs.	Faculty Return
January 3-4 Thurs.-Fri.	Orientation of New Students
January 7-8 Mon.-Tues.	Registration
January 9 Wed.	Classes Begin and Late Registration Charges Begin
January 17 Thurs.	Memorial Service for Dr. Martin Luther King, Jr.
January 18 Fri.	Last Day for Adding a Course
January 21 Mon.	Last Day for Dropping a Course Without a Grade
February 1-4 Fri.-Mon.	Removal of Incomplete Grades
February 4-8 Mon.-Fri.	Afro-American History and Festival Week
February 5-10 Tues.-Sun.	Homecoming and Founders' Day Convocation
February 8 Fri.	Homecoming Festivities (classes recessed)
February 18-22 Mon.-Fri.	Religious Emphasis Week
March 7-8 Thurs.-Fri.	Mid-Term Examinations
March 11 Mon.	Mid-Term Progress Reports Due in Registrar's Office
March 23 Sat.	Comprehensive English Examination
March 27 Wed.	Confirmation

March 29 Fri.	Easter Recess/Spring Break Begins (after classes)
April 9 Tues.	Classes Resume After Easter Recess/Spring Break
April 15-19 Mon.-Fri.	Pre-Registration
April 21 Sun.	Parents' Day
April 27 Sat.	ROTC — Physical Education Field Day
May 2-3 Thurs.-Fri.	Semester Examinations for Seniors
May 3 Fri.	Reading Day
May 6-10 Mon.-Fri.	Semester Examinations
May 12 Sun.	Baccalaureate and Commencement
June 10 Mon.	Summer School Begins
July 19 Fri.	Summer School Ends

ACADEMIC CALENDAR FOR 1985-86

FIRST SEMESTER

1985-86

August 19-20 Mon.-Tues.	Faculty-Staff Orientation
August 20 Tues.	Planning Session: Arrival of Freshman and New Students
August 21-24 Wed.-Sat.	Orientation of Freshman Students
August 26-27 Mon.-Tues.	Registration
August 28 Wed.	Classes Begin and Late Registration Charges Begin
September 2 Mon.	Holiday
September 6 Fri.	Last Day to Add a Course
September 13 Fri.	Last Day to Drop a Course With Refund: Last Day to Drop a Course Without a Grade
September 19-20 Thurs.-Fri.	Examination Period for Removal of Incompletes
September 21 Sat.	Comprehensive English Examination for Juniors
October 3 Thurs.	Last Day to Apply to College for Admissions to Candidacy for Graduation
October 8 Tues.	Formal Opening Convocation
October 14-17 Mon.-Thurs.	Mid-Term Examinations
October 21 Mon.	Mid-Term Progress Grades Due in Registrar's Office
October 26 Sat.	Comprehensive Senior Examination
November 20-26 Wed.-Tues.	Pre-Registration
November 26 Tues.	Thanksgiving Recess (after classes)
December 2 Mon.	Classes Resume at 8:00 a.m.
December 7 Sat.	Undergraduate Record Examination
December 13 Fri.	Reading Day and Christmas Carol Recital
December 16-19 Mon.-Thurs.	Semester Examinations
December 19 Thurs.	Christmas Recess (after examinations)

SECOND SEMESTER

1985-86

January 9 Thurs.	Faculty Return
January 10 Fri.	Orientation of New Students
January 13-14 Mon.-Tues.	Registration
January 15 Wed.	Classes Begin and Late Registration Charges Begin
January 17 Fri.	Memorial Service for Dr. Martin Luther King, Jr.
January 24 Fri.	Last Day for Adding a Course

January 27 Mon.	Last Day for Dropping a Course Without a Grade
February 3-7 Mon.-Fri.	Removal of Incomplete Grades
February 3-7 Mon.-Fri.	Afro-American History and Festival Week
February 4-9 Tues.-Sun.	Homecoming and Founders' Day Convocation
February 7 Fri.	Homecoming Festivities (classes recessed)
February 17-21 Mon.-Fri.	Religious Emphasis Week
March 6-7 Thurs.-Fri.	Mid-Term Examinations
March 10 Mon.	Mid-Term Progress Reports Due in Registrar's Office
March 15 Sat.	Comprehensive English Examination
March 19 Wed.	Confirmation
March 21 Fri.	Spring Vacation/Easter Break Begin (after classes)
April 1 Tues.	Classes Resume After Spring Vacation/Easter Break
April 13 Sun.	Parents' Day
April 14-18 Mon.-Fri.	Pre-Registration
April 26 Sat.	ROTC — Physical Education Field Day
May 1-2 Thurs.-Fri.	Semester Examinations for Seniors
May 2 Fri.	Reading Day
May 5-9 Mon.-Fri.	Semester Examinations
May 11 Sun.	Baccalaureate and Commencement
June 9 Mon.	Summer School Begins
July 18 Fri.	Summer School Ends

ACADEMIC CALENDAR FOR 1986-87

FIRST SEMESTER

1986-87

August 18-19 Mon.-Tues.	Faculty-Staff Orientation
August 19 Tues.	Planning Session: Arrival of Freshman and New Students
August 20-23 Wed.-Sat.	Orientation of Freshman Students
August 25-26 Mon.-Tues.	Registration
August 27 Wed.	Classes Begin and Late Registration Charges Begin
September 1 Mon.	Holiday
September 5 Fri.	Last Day to Add a Course
September 12 Fri.	Last Day to Drop a Course With Refund: Last Day to Drop a Course With a Grade
September 18-19 Thurs.-Fri.	Examination Period for Removal of Incompletes
September 20 Sat.	Comprehensive English Examination for Juniors
October 7 Tues.	Formal Opening Convocation
October 13-16 Mon.-Thurs.	Mid-Term Examinations
October 20 Mon.	Mid-Term Progress Grades Due in Registrar's Office
October 25 Sat.	Comprehensive Senior Examination
November 19-25 Wed.-Tues.	Pre-Registration
November 25 Tues.	Thanksgiving Recess
December 1 Mon.	Classes Resume at 8:00 a.m.
December 6 Sat.	Undergraduate Record Examination
December 12 Fri.	Reading Day and Christmas Carol Recital
December 15-19 Mon.-Fri.	Semester Examinations
December 19 Fri.	Christmas Recess (after examinations)

SECOND SEMESTER

1986-87

January 8 Thurs.	Faculty Return
January 9 Fri.	Orientation of New Students
January 12-13 Mon.-Tues.	Registration
January 14 Wed.	Classes Begin and Late Registration Charges Begin
January 15 Thurs.	Memorial Service for Dr. Martin Luther King, Jr.
January 23 Fri.	Last Day for Adding a Course
January 26 Mon.	Last Day for Dropping a Course Without a Grade
February 2-6 Mon.-Fri.	Removal of Incompletes
February 2-6 Mon.-Fri.	Afro-American History and Festival Week
February 3-8 Tues.-Sun.	Homecoming and Founders' Day Convocation
February 6 Fri.	Homecoming Festivities
February 16-20 Mon.-Fri.	Religious Emphasis Week
March 5-6 Thurs.-Fri.	Mid-Term Examinations
March 6 Fri.	Spring Vacation Begins (after classes)
March 9 Mon.	Mid-Term Progress Reports Due in Registrar's Office
March 16 Mon.	Classes Resume After Spring Vacation
March 21 Sat.	Comprehensive English Examination
March 25 Wed.	Confirmation
April 6-10 Mon.-Fri.	Pre-Registration
April 12 Sun.	Parents' Day
April 16 Thurs.	Easter Recess (after classes)
April 21 Tues.	Classes Resume After Easter Recess
April 25 Sat.	ROTC — Physical Education Field Day
April 30-May 1 Thurs.-Fri.	Semester Examinations for Seniors
May 1 Fri.	Reading
May 4-9 Mon.-Fri.	Semester Examinations
May 10 Sun.	Baccalaureate and Commencement
June 8 Mon.	Summer School Begins
July 17 Fri.	Summer School Ends

ACADEMIC CALENDAR FOR 1987-88

FIRST SEMESTER

1987-88

August 17-18 Mon.-Tues.	Faculty-Staff Orientation
August 18 Tues.	Planning Session: Arrival of Freshman and New Students
August 19-22 Wed.-Sat.	Orientation of Freshman Students
August 24-25 Mon.-Tues.	Registration
August 26 Wed.	Classes Begin and Late Registration Charges Begin
September 7 Mon.	Holiday
September 11 Fri.	Last Day to Add a Course
September 18 Fri.	Last Day to Drop a Course With Refund: Last Day to Drop a Course With a Grade
September 17-18 Thurs.-Fri.	Examination Period for Removal of Incompletes
September 19 Sat.	Comprehensive English Examination for Juniors
October 6 Tues.	Formal Opening Convocation
October 12-15 Mon.-Thurs.	Mid-Term Examinations

October 19 Mon.

October 24 Sat.

November 18-24 Wed.-Tues.

November 24 Tues.

November 30 Mon.

December 5 Sat.

December 11 Fri.

December 14-18 Mon.-Fri.

December 18 Fri.

Mid-Term Progress Grades Due in Registrar's Office

Comprehensive Senior Examination

Pre-Registration

Thanksgiving Recess

Classes Resume at 8:00 a.m.

Undergraduate Record Examination

Reading Day and Christmas Carol Recital

Semester Examinations

Christmas Recess (after examinations)

SECOND SEMESTER

1987-88

January 7 Thurs.

January 8 Fri.

January 11-12 Mon.-Tues.

January 13 Wed.

January 15 Fri.

January 22 Fri.

January 25 Mon.

February 1-5 Mon.-Fri.

February 2-7 Tues.-Sun.

February 5 Fri.

February 8-12 Mon.-Fri.

February 15-19 Mon.-Fri.

March 4-5 Thurs.-Fri.

March 8 Mon.

March 19 Sat.

March 23 Wed.

March 25 Fri.

April 5 Tues.

April 10 Sun.

April 11-15 Mon.-Fri.

April 23 Sat.

April 28-29 Thurs.-Fri.

April 29 Fri.

May 2-6 Mon.-Fri.

May 8 Sun.

June 6 Mon.

July 15 Fri.

Faculty Return

Orientation of New Students

Registration

Classes Begin and Late Registration

Charges Begin

Memorial Service for Dr. Martin Luther King, Jr.

Last Day for Adding a Course

Last Day for Dropping a Course Without a Grade

Removal of Incompletes

Homecoming and Founders' Day Convocation

Homecoming Festivities

Afro-American History and Festival Week

Religious Emphasis Week

Mid-Term Examinations

Mid-Term Progress Reports Due in Registrar's Office

Comprehensive English Examination Confirmation

Spring Vacation/Easter Break Begins (after classes)

Classes Resume at 8:00 a.m.

Parents' Day

Pre-Registration

ROTC — Physical Education Field Day

Semester Examinations for Seniors

Reading Day

Semester Examinations

Baccalaureate and Commencement

Summer School Begins

Summer School Ends

ACADEMIC CALENDAR FOR 1988-89

FIRST SEMESTER

1988-89

August 15-16 Mon.-Tues.

August 16 Tues.

August 17-20 Wed.-Sat.

August 22-23 Mon.-Tues.

August 24 Wed.

Faculty-Staff Orientation

Planning Session: Arrival of Freshman and New Students

Orientation of Freshman Students

Registration

Classes Begin and Late Registration

Charges Begin

September 5 Mon.
 September 9 Fri.
 September 16 Fri.

 September 22-23 Thurs.-Fri.

 September 24 Sat.

 October 4 Tues.
 October 10-13 Mon.-Thurs.
 October 17 Mon.

 October 22 Sat.
 November 16-22 Wed.-Tues.
 November 22 Tues.
 November 28 Mon.
 December 3 Sat.
 December 9 Fri.
 December 12-16 Mon.-Fri.
 December 16 Fri.

Holiday
 Last Day to Add a Course
 Last Day to Drop a Course With Refund:
 Last Day to Drop a Course With a Grade
 Examination Period for Removal of
 Incompletes
 Comprehensive English Examination for
 Juniors
 Formal Opening Convocation
 Mid-Term Examinations
 Mid-Term Progress Reports Due in
 Registrar's Office
 Comprehensive Senior Examinations
 Pre-Registration
 Thanksgiving Recess
 Classes Resume at 8:00 a.m.
 Undergraduate Record Examination
 Reading Day and Christmas Carol Recital
 Semester Examinations
 Christmas Recess (after examinations)

SECOND SEMESTER

1988-89

January 5 Thurs.
 January 6 Fri.
 January 9-10 Mon.-Tues.
 January 11 Wed.

 January 13 Fri.

 January 20 Fri.
 January 23 Mon.

 February 7-12 Tues.-Sun.

 February 10 Fri.
 February 13-17 Mon.-Fri.
 February 13-17 Mon.-Fri.
 February 20-24 Mon.-Fri.
 March 2-3 Thurs.-Fri.
 March 6 Mon.

 March 11 Sat.
 March 15 Wed.
 March 17 Fri.

 March 28 Tues.
 April 2 Sun.
 April 10-14 Mon.-Fri.
 April 22 Sat.
 April 27-28 Thurs.-Fri.
 April 28 Fri.
 May 1-5 Mon.-Fri.
 May 7 Sun.
 June 5 Mon.
 July 15 Fri.

Faculty Return
 Orientation of New Students
 Registration
 Classes Begin and Late Registration
 Charges Begin
 Memorial Service for Dr. Martin Luther
 King, Jr.
 Last Day for Adding a Course
 Last Day for Dropping a Course Without a
 Grade
 Homecoming and Founders' Day
 Convocation
 Homecoming Festivities
 Removal of Incompletes
 Afro-American History Week
 Religious Emphasis Week
 Mid-Term Examinations
 Mid-Term Progress Reports Due in
 Registrar's Office
 Comprehensive English Examination
 Confirmation
 Spring Vacation/Easter Break Begins
 (after classes)
 Classes Resume at 8:00 a.m.
 Parents' Day
 Pre-Registration
 ROTC — Physical Education Field Day
 Semester Examinations for Seniors
 Reading Day
 Semester Examinations
 Baccalaureate and Commencement
 Summer School Begins
 Summer School Ends

THE MISSION OF SAINT AUGUSTINE'S COLLEGE

Saint Augustine's College, founded in 1867 and located in Raleigh, N.C., is a historically black, church-related, coeducational institution of liberal learning offering the bachelor's degree. It is in the critical and exciting juxtaposition of past, present and future that Saint Augustine's sets its mission. The mission is to prepare all students to become knowledgeable agents of change — capable, creative and responsible citizens of independence and integrity; who make positive contributions to society — by providing for maximum development of their intellectual capacity, developing practices of scholarship, imagination, wisdom and judgment; providing opportunities for personal, social and cultural growth; providing experiences in acquiring knowledge and fundamental skills; and contributing to research related to the teaching-learning process and the general improvement of the community.

In addition, the mission is to expand the resources and facilities, not only to cope with increasing student enrollment but to support the give-and-take of a community of scholars which generates ideas, values, methodologies and techniques. Saint Augustine's prepares its students for graduate and professional experiences in law, medicine, dentistry, engineering, teaching, research and public service. These areas are manifested through the humanities, education, social science, natural science, and business divisions. These divisions include special programs in music and fine arts, early childhood education, urban affairs, allied health, industrial mathematics, health and safety, business management and accounting, making for a tripartite balance between traditional liberal arts, teacher education and career education. Cooperative education internships and occasional work-learning experiences calculated to demonstrate a positive connection between career development and liberal learning are available in all departments. Forty-two percent of the students participate in internships.

Today, the college serves a multiethnic student body of which one-tenth are of different national backgrounds. Public services are provided in continuing education, geriatric workshops, law enforcement institutes, health and safety workshops, and research.

It is to the credit of Saint Augustine's learning atmosphere that each student understands that he/she has embarked upon a learning process of lifelong duration and can expect sustained interest, counsel, support and follow-up from the college at all stages of his/her subsequent development. Some graduates top off with the baccalaureate; others go on to study for advanced academic and professional degrees and thereafter engage in skill and proficiency updating in their respective vocations. While technical skills are highly prized and deemed necessary to guarantee each student a meaningful role in the marketplace, Saint Augustine's also assists its students in developing enriched perspectives from which to deal competently, comprehensively and creatively with an increasingly complex world.

Saint Augustine's College insists on providing a strong liberal arts education as a base for all of its students and, at the same time, insures sufficient flexibility that will enable students to make certain educational and vocational choices, consistent with widening opportunities and the changing conditions of society.

Increased emphasis is placed on providing every student a broad exposure to liberal learning. This is realized by assisting students in increasing their intellectual powers to engage in critical thinking, problem-solving, and a cultural base in which to assess the human and natural scenes.

The current mission's characteristics may be observed in the expansion of resources and facilities, not only to cope with the increasing student enrollment, but to support the flexibility of faculty and students who generate ideas, values, instructional methods and techniques.

THE PHILOSOPHY OF SAINT AUGUSTINE'S COLLEGE

The program of this institution aims toward the development of integrated personalities and socially responsible individuals with a philosophy of life based on Christian values and Christian leadership. It attempts to furnish an environment conducive to intellectual development of the capacities and abilities of its students in order that they may live more useful and purposeful lives in a democratic society. This type of education provides an opportunity for progressive growth and greater chance to participate fully and efficiently in carrying out the ideals of citizenship in the society through a greater personal depth and wider and deeper appreciation on the part of the students. Basic knowledges, skills, and proper attitudes are developed which provide and enhance the opportunities not only for present living but for future living as well. The college is vitally interested in preparing its students to cope with an ever-changing dynamic society by helping them develop their powers of critical thinking, and to distinguish between the real and unreal.

It is the policy of Saint Augustine's College, that discrimination against any individual for reasons of **race, color, religion, national origin, or sex** is specifically prohibited, and there will be no unlawful discrimination because of age. Accordingly, equal opportunity for employment in both faculty and staff positions shall be extended to all persons; and, the college shall promote equal opportunity through a positive and continuing affirmative action program. This program also applies to the recruitment and admission of students as well as the handicapped.

This affirmative action program will have as its firm objective equal opportunity in **admission, in recruitment, hiring, rate of pay, training, promotion, termination benefit plans** and all other forms of compensation and conditions and privileges of employment for all employees and applicants for employment. The plan is designed to provide equal opportunity and an atmosphere of nondiscrimination with respect to women and members of racial and minority groups.

AIMS

1. To offer a bachelor's program which provides for the maximum development of the intellectual capacities of the student.
2. To develop scholarly capacities and abilities of the student.
3. To provide an opportunity for social and cultural growth.

4. To develop knowledge, fundamental skills and proper attitudes for preparing the whole person for a mature and functional life in an ever-changing society.

OBJECTIVES

1. To develop an appreciation and an understanding of the system of human values.
2. To develop a command of effective communications skill usage.
3. To secure a general knowledge of the world in which we live, and an understanding of broad concepts in the natural sciences.
4. To present underlying principles of the political, social, and economic organization in the society.
5. To develop an understanding of self — the physical, psychological, and spiritual — and of relationships with others.
6. To develop an understanding of mental and physical health habits in areas which lead to physical well-being.
7. To provide basic education in the liberal arts and to prepare students for the pursuit of various educational programs including Teacher Education.

ACCREDITATION

1. The fact that an educational institution is accredited means that it has met required standards and criteria of quality established by a recognized educational or professional organization.
2. On December 22, 1930, it was announced that Saint Augustine's College had been awarded the "A" rating by the North Carolina Department of Public Instruction. At the 64th Commencement, May 27, 1931, the first bachelor's degrees were conferred.
3. The College was accredited in 1933 by the Southern Association of Colleges and Secondary Schools and in December, 1942, rated Class "A" by the Southern Association, and later given Class "A" status by American Medical Association.

Membership

Saint Augustine's College holds membership in the following associations:

The Southern Association of Colleges and Schools
The Association of American Colleges
The American Council on Education
American Association of Colleges for Teacher Education
The North Carolina Association of Colleges and Universities
The United Negro College Fund
College Entrance Examination Board
Association of Episcopal Colleges
Southern Business Administration Association
The Association of Eastern North Carolina Colleges and Universities

Raleigh Cooperating Colleges
The Intercollegiate Music Association
National Association for Business Teacher Education
American Association of Collegiate Schools of Business Assembly
The National University Extension University

SECURING SPEAKERS FOR THE COLLEGE

The following statements constitute the college's policy relative to securing non-faculty and non-staff speakers.

1. Prospective speakers for any occasion or class are to be approached only after their names have been approved.
2. Speakers for regularly scheduled classes must be approved by the Vice President for Academic Affairs.
3. Speakers for all other occasions are to be approved by the President of the college.

Forms for requesting speakers are available in the office of the Vice President for Academic Affairs.

ACADEMIC REGULATIONS
GENERAL ACADEMIC REQUIREMENTS

ADMISSIONS REQUIREMENTS AND PROCEDURES

Application for admission must be made on a form furnished by the Director of Admissions.

Before an admission decision can be reached on an application, the following materials must be received by the Office of Admissions:

- 1. Satisfactory evidence of the applicant's academic eligibility.
- 2. Satisfactory evidence that a minimum of the following high school units have been completed in a secondary school approved by a recognized accrediting agency.

English	4 units	Science	2 units
Social Studies	2 units	Electives	7 units
Mathematics	1 unit		
			Total 16 units

- 3. Endorsement by reliable persons as to the applicant's character the personality.
- 4. A statement of honorable dismissal from the college last attended by all transfer applicants.
- 5. Satisfactory evidence that the applicant is in good health.

COLLEGE ENTRANCE EXAMINATION BOARD REQUIRED
OF ALL FRESHMEN

Every applicant for admission to the freshman class is required to take the Scholastic Aptitude Test of the College Entrance Examination Board. The test is given in December, January, March, May, and July. It is recommended that the Scholastic Aptitude Test be taken early in the senior year. Students wishing to make application to take the test should procure application forms from their secondary schools, or write directly to the College Entrance Examination Board, Box 592, Princeton, New Jersey, or Box 1025 Berkeley 1, California, for the Bulletin of Information, which includes an application form and is available without charge. The bulletin lists test centers and gives complete information concerning the tests.

Because of deadlines for filing application to take the College Board test, the student must make his or her arrangements well in advance of the testing date so that the application may be received in Princeton or Berkeley by the closing date.

TRANSFER STUDENTS

A student transferring from another college must submit to the Office of Admissions official transcripts of work completed both in high school and college. If one has attended more than one college or university, official transcripts from each institution previously attended must be received before an admission decision can be made on his/her application. All entrance materials

should be received at least thirty days before the beginning of the semester in which the applicant desires to enroll.

A transfer student must be eligible to reenter the institution last attended. Full semester hours credit, but not quality points, will be given to courses similar to those offered at Saint Augustine's provided that such courses have been passed with a minimum grade of "C".

To complete one's academic program, a transfer student is expected to conform to the academic requirements of Saint Augustine's College that are current at the time of his/her enrollment at the College. The general requirements listed in the catalogue must be met and the final 30 semester credit hours must be earned at Saint Augustine's College.

FOREIGN STUDENTS

A prospective foreign student is required to submit the following materials before an admissions decision can be reached on his/her application.

1. An application form furnished by the Director of Admissions.
2. A transcript of work completed on the secondary level, and on the college level, if applicable. The transcript must be the original copy or a certified photostatic copy.
3. Evidence of proof of proficiency in English (TOEFL).
4. A statement of the applicant's financial resources that he/she can meet U.S. study costs. A \$2,400.00 retainer fee is required before the I-20 is released. This must be accomplished prior to enrollment.
5. A report listing scores made on the SAT of the CEEB.
6. Three letters of recommendation. These will be acknowledged directly from their senders.
7. A health certificate.
8. A certified chronological list of all courses taken from the beginning of elementary school to the highest level attained.

A foreign student attending another U.S. institution will not be considered for admission on a transfer basis until he/she has completed at least one semester, (preferably one year of study) at the institution which issued the I-20 form.

ADMISSION

Prospective matriculants (a) who have completed 16 high school units, (b) who have graduated from high school, (c) whose high school grades indicate probable success in college, (d) who have taken the SAT of the CEEB, may be admitted to the College.

All qualified applicants receive consideration for admission to Saint Augustine's College without regard to race, creed, color, sex or national origin.

The transcript must be sent to the Office of Admissions directly from the high school or college through the mail by appropriate officials.

HOUSING

A \$25.00 room deposit must be sent in advance in order to reserve room space for any applicant planning to live on the campus. Since residence space is limited, applications and room deposits must be forwarded early. Room

deposits may be made as early as April 1, but should be made before July 1. Rooms are assigned in the order in which the deposits are received. Returning students as well as new students must send a deposit in order to reserve a room.

Requests for refunds must be made by July 15 for first semester applicants and by December 1 for second semester applicants. Otherwise, the deposit will be forfeited.

VETERANS

Saint Augustine's College is on the approved list for the training of veterans. Veterans who are seeking V.A. assistance should apply to the Registrar. If accepted by the College, the veteran should apply immediately to the nearest regional office of the Veterans Administration for a certificate of eligibility and entitlement indicating clearly the educational objective. The Veterans Program is approved by the state approving agency of the Department of Public Instruction.

Veterans, except those on Vocational Rehabilitation, are expected to pay all expenses in the same manner required of non-veterans. All veterans are urged to report to the Registrar's office upon arrival at the college. Veterans should also come prepared to pay tuition and all other charges for the first two months. It generally takes this time before monthly government checks are received.

Because of Veterans Administration restrictions, veterans and dependents of veterans who expect educational assistance from the VA are advised to avoid registering for courses or experiences that are not commonly or regularly taught nor offered in the classrooms — such as honors which involve independent study, and cooperative education which involves experiential learning or on-the-job training. Counseling from the VA is advised prior to enrolling in such courses or experiences.

Records of progress are kept by this institution on veteran and non-veteran students alike. Progress records are furnished the students, veterans and non-veterans alike, at the end of each scheduled school term.

SPECIAL NOTES

1. Although the incomplete ("I") grade is removable, it is also punitive, in that its value is "0" and it is computed in the grade point averaging process the same as the final grade of "F". The "I" must be removed during the next semester in which the student is enrolled, or the "I" will automatically recrudescence to the final grade of "F".
2. Students enrolled in the Continuing Education Program are required to initiate preregistration/registration by using the "Trial Schedule," as is required of all other students. After receiving approval of that proposal from the respective academic advisor and the Director of Continuing Education, the student will be required to complete the Registration, which must indicate that there are no conflicting classes.

QUALITATIVE PERFORMANCE IN MAJOR

All students must make a minimum grade of C or above in all courses in their major in order to receive credit for same. Students who make less than a grade of C in any course in their major must repeat it. The Dean's List,

announced at the end of each semester, is achieved by a general average of B, with no grade less than C for a minimum of 12 credit hours.

READMISSION OF STUDENTS ENROLLED AT THE COLLEGE

On or before the second Monday in April, all students enrolled at the college, regardless of classification, must apply in writing for readmission to Saint Augustine's for the following school year and they must have been officially approved by the college before becoming eligible for registration in the fall. In no case should a student report to the college until a notice has been received from the Director of Admissions that the application has been approved for readmission to the college.

GENERAL ACADEMIC REQUIREMENTS

These regulations, rules and academic policies are effective immediately and apply to each student who is currently enrolled or whose academic status or circumstances are dependent upon or related to these guidelines. EXCEPTION: Each student is held responsible for the total contents of the curriculum under which he/she is admitted or at the time of change of major. A student may elect to change his/her major at any time, upon the approval of the respective department head and the Vice President for Academic Affairs. If a student withdraws from the college and remains inactive from enrollment for one school year, or changes his/her major, he/she will automatically reenter under and be held responsible for the current curriculum of his/her major.

Saint Augustine's College offers two degrees: Bachelor of Arts and Bachelor of Science. Candidates for either degree must complete a minimum of 120 semester credit hours of work with the minimum grade point average of 2.0 (C) and meet financial obligations to the college.

RESIDENCE REQUIREMENTS

The student is required to complete the final thirty semester hours of academic credit in residence at Saint Augustine's College. Also, the student is expected to be enrolled at the college during the year in which the degree is granted. This requirement applies to transfer students who are admitted to the college. Participation in the commencement exercises is usually required.

Requirements in the various majors for the Bachelor's degree are as follows:

	Semester Hours
1. Art	36
2. Accounting	67
3. Biology	30
4. Business Administration	67
5. Business Education	85
6. Chemistry	32
7. Computer Science	78
8. Criminal Justice	30
9. Early Childhood Education	45
10. Economics	59
11. Elementary Education	45
12. English	30
13. Physical Education	40
14. History and Government	30
15. Industrial Hygiene and Safety	88
16. Industrial Mathematics	40
17. Intermediate Education	45
18. Management	68
19. Mathematics	40
20. Medical Technology	36½
21. Modern Foreign Languages (French or Spanish)	36
22. Music	42
23. Office Administration	73
24. Physics	50
25. Political Science/Pre-Law	30
26. Pre-Engineering	39
27. Pre-Medicine	43
28. Psychology	33
29. Social Studies	30
30. Sociology and Social Welfare	30
31. Urban Affairs	33

In addition, the following basic studies are required for the bachelor's degree in all curricula:

	Semester Hours
1. Freshman Orientation (Required)	1½
*2. English Composition and Speech	8
3. World Civilization	6
4. Natural Science (3 Biological and 3 Physical Science)	6
5. Sociology or Economics	3
6. General Education: Origin of Beliefs or Ethics	3
**7. Modern Foreign Languages	6-12
***8. Required Physical Education: (Two Years)	2
9. Humanities (English 221 and English 222)	4
10. Mathematics	3
11. General Psychology	3
12. Reading	4
	<hr/> 48½-54½

ELECTIVES

ELECTIVE — a course in the curriculum in the choosing of which a student has some options, as opposed to a required course.

RESTRICTED ELECTIVE — A restricted elective is one limited to a certain discipline or group of disciplines, such as an English elective or a social science elective. (Restricted electives are sometimes known as required electives in the major area or as group electives.)

UNRESTRICTED ELECTIVE — Sometimes known as free elective, denotes that the student has complete freedom of choice in the selection of a course****.

Matriculants should note that the major and the required hours of basic studies will range from 66 to 79 semester hours total.

All first semester juniors are required to pass a comprehensive test in English Composition as a prerequisite for graduation. (This may be repeated during the same semester if the student fails.)

Prior to graduation, all prospective graduates must take a combined comprehensive written test in the major field and general subject matter and a comprehensive oral test in the same areas.

* A student is required to take both English 131 and 132 and must make a grade of at least "C" in one of the courses and not less than "D" in the other in order to receive credit and enroll in any other of the advanced courses.

** Students who have a foreign language as a part of their program are required to take one year of that language if they have completed two high school units of that language. Otherwise, the student must pass the elementary and intermediate courses of the same foreign language. A foreign language is required of students majoring in Music, English, Foreign Languages, Biology, and Chemistry.

*** Participation in physical activity may be waived only upon a written recommendation by a medical doctor clearly stating incapacity of such student to engage in same. Such information must be made available to the head of the Physical Education Department and the Vice President for Academic Affairs of the college. However, the student will be required to attend all physical education courses and to take all required examinations based on the theoretical aspects of such courses. Adaptive Physical Education may be taken in place of required physical education.

Physical education requirement may be waived unconditionally by participating in the ROTC program or serving at least six months in the military.

**** Electives are not permissible substitutions for specific program requirements, such as required courses in the major and required basic studies courses; nor are such required courses to be used as electives.

DISCONTINUANCE OF COURSES

A course listed in the catalogue which has been discontinued while students are still in residence will be substituted by another course upon approval of the Division Chairperson, Department Head and the Vice President for Academic Affairs of the college.

STANDARDS OF ACADEMIC PROGRESS

Grading System

The grades for courses completed as used by Saint Augustine's College in the calculation of scholastic averages are as follows:

- A = excellent, 90 and above (four quality points per semester hour of credit)
- B = good, 80 to 89 (three quality points per semester hour of credit)
- C = fair, 70 to 79 (two quality points per semester hour of credit)
- D = passing but poor, 60 to 69 (one quality point per semester hour of credit)
- F = failure, below 60 (Punitive. No quality points)
- I = Incomplete (no quality points. Used in the computation of averages, punitively)
- WD = Withdrawal from the College (Not used in the computation of averages; therefore, non-punitive)

Required courses in which students receive a grade of D in the major field must be repeated.

Minimum Rate of Work

Students are required to complete their respective curricula within a six-calendar year period of continual study as fulltime regular students. Because a student may change his or her enrollment status from time to time, with approval of his academic advisor, this time frame may be equated or lengthened or shortened, accordingly.

The minimum academic load, during a semester, for a regular fulltime student is 12 semester hours, excluding courses (with a grade of "D") being repeated. Academic loads of less than 12 semester hours are parttime and will be computed accordingly in order to determine the equivalent or fractional part of a full increment of academic work. The normal rate of fulltime work is defined as 12 to 17½ semester hours per semester. Academic hours in excess of 17½ are considered to be an overload which will require special approval of recommendations of academic advisor in each case. This means that slow students may conceivably take a maximum of six academic years, or equivalent, to complete certain curricula while other students may take only four years to satisfactorily complete the same curricula. This also means that each student's academic record will be reviewed at the end of each academic year, or equivalent, to determine whether or not satisfactory academic progress is being made, i.e., as described and outlined in these guidelines, Standards of Academic Progress.

All students who are admitted conditionally and those who are assigned to the Special Services Program, Differentiated Curriculum, or the Developmental Education Program will automatically be assigned to the six-year program. That is, in the absence of special approval to the contrary, by the Vice President for Academic Affairs, their maximum academic load will be 12 semester hours each semester; *at least until he or she has earned a cumulative grade point average of at least 2.00.* Students placed on academic probation will also be assigned to the six-year program. All other students may elect to be in a four or five-year program, with approval from the Vice President for Academic Affairs.

Students assigned to the six-year program must complete at least 18 semester hours during their first year and must complete at least 24 semester hours each succeeding year in order to meet the minimum standards of progress if fulltime, or the equivalent if parttime. Other fulltime students, in good standing, must satisfactorily complete at least 24 semester hours each academic year or equivalent while in a four-year, five-year or six-year program and maintain a cumulative average of at least

- 1.00 first and second years of 4, 5, and 6-year programs
- 1.25 third year of 5 and 6-year programs
- 1.50 third year of four-year program
- 2.00 fourth year of four year program
- 1.60 fourth year of five and six-year programs
- 1.80 fifth year of six-year program
- 2.00 fifth year of five year program and sixth year of six year program

PROBATION AND ACADEMIC SUSPENSION

Any student whose cumulative grade point average is below 2.00 at the end of one academic year will be placed on academic probation during the next semester, and will be required to meet the following minimum requirements during that semester or be subject to suspension for at least one semester.

Minimum Requirements for Academic Progress	Student Must Satisfactorily Complete
12 semester hours or above	9 semester hours
9-11 semester hours	6 semester hours
5- 8 semester hours	3 semester hours

1. Student who is academically suspended from the college may earn readmission in good standing by attending our Summer Session, registering for at least six (6) semester hours, and earning a grade point average of at least 2.00. In all such successful cases, the student will only need to apply to the Director of Admissions for readmission, or conditional readmission if his/her cumulative grade point average is not in conformity with the table shown above.
2. Student who is academically suspended from the college may choose to submit a written petition to the Committee on Admissions for possible readmission on academic probation. If approved, this would mean auto-

matic placement or return to the six-year program and appurtenances, and would also mean automatic denial of federal financial assistance.

3. Because of the mandatory provisions of the Federal Register/Volume 48, No. 195/Thursday, October 6, 1983, re Student Assistance General Provisions and Pell Grant Program, students who are presently enrolled and are on academic probation are automatically granted an extension of time for incremental review until the end of the present (1983-84) academic year. First-time freshmen, transfer and returning students entering Spring 1984 will be subject to review at the end of Fall Semester 1984.
4. The Vice President for Academic Affairs reserves the right to review and reexamine cases of students who are on academic probation, academic suspension, academic expulsion, or appeals, and may, for compelling reasons, after consultation with appropriate faculty, waive a specific requirement or constraint which may be related to satisfactory or unsatisfactory progress.

Reasons that may be acceptable for the appeals may include

1. Personal illness or accident of student with validated statement(s) from attending physician and/or medical care unit
2. Serious illness or death within his or her immediate family
3. Cancellation of classes or withdrawal from the college
4. Other extenuating circumstances which may be considered acceptable by the college.

CLASSIFICATION OF STUDENTS

Matriculating undergraduate students are grouped in four classes, according to total cumulative academic hours, as shown on individual permanent record cards in the Office of the Registrar:

0 - 29 hours	Freshman
30 - 59 hours	Sophomore
60 - 89 hours	Junior
90 - hours or above	Senior

CLASS ATTENDANCE

A student is expected to be in attendance at his/her classes 75% or more of the time when the classes are scheduled to meet in order to receive credit for the course/courses.

The following guidelines apply:

- (a) Each student will be required to do all examinations and required work in a given course.
- (b) The teacher of a course must give at least two days notice in his/her class for examinations designed for a class period. An examination not announced in class would be considered a quiz.

- (c) At the beginning of a course, the requirements of that course will be made known to the class, in writing.
- (d) Teachers will have discretion in determining the test activity for examinations or quizzes missed by students.

The following will be considered **valid reasons for allowing students to take examinations or quizzes missed**.

SICKNESS — A written statement from a nurse, doctor, or Saint Augustine's College Official will be required.

DEATH IN FAMILY — A written statement from the Funeral Director and/or Minister.

EMERGENCIES — (late bus, train, airplanes, etc.) A written statement from an official at the bus, train station, or airport.

PARTICIPATING IN REQUIRED SCHOOL ACTIVITIES — A written statement from a college Administrative Official will be required.

OTHER — For situations not covered above, a statement from the Vice President for Academic Affairs.

WAIVER AND SUBSTITUTION OF REQUIREMENTS

In order to waive or substitute a requirement in his or her academic program, a student must be granted permission by the Vice President for Academic Affairs, upon the recommendation of the student's Division Chairperson and/or department head.

THE INCOMPLETE GRADE

The grade of "I" (incomplete) is given to denote that the student, although having maintained a passing average, also has been, for reasons beyond his/her control, unable to fulfill some specific course requirement(s), such as an examination, a report, a note book, an experiment, etc.

A special form for the removal of "incompletes" is available in the Office of the Registrar. The grade must be removed prior to the end of the next semester in which the student is enrolled, or the incomplete will automatically revert to failure ("F"). In cases where established course requirements involve more than one semester of lecture or laboratory experience the period for removing the incomplete may be extended accordingly. Special examination periods for the removal of incompletes will be provided in the official academic calendar for the convenience of those faculty members and students who could use such to an advantage, even though the completion of such work may not extend beyond the end of the next semester in which the student is enrolled. **THE INCOMPLETE GRADE WILL NOT BE GIVEN IN ANY CASE AS A GRADE FOR MID-TERM PROGRESS.**

CREDIT FOR REPEATING A COURSE

Credit and quality points of the highest grade received from a repeated course will be given only once. Students may repeat only those courses in which a grade of "D" or less was received. Despite the probability of a course being repeated several times, credit can be given only once. **CREDIT HOURS FOR REPEATING COURSES WITH GRADES OF "D" WILL NOT BE COUNTED TOWARD A "FULL LOAD" DURING REGISTRATION.**

COURSE CREDIT EARNED AT OTHER COLLEGES

Once a student has matriculated at Saint Augustine's College he/she may not pursue courses of any type at another institution, as transfer credit towards a degree, without obtaining in advance of registration for such courses written approval from the Vice President for Academic Affairs. Even though credits earned in Cooperating Raleigh Colleges Interinstitutional Program are not considered to be transfer credits, written permission is required in all such cases prior to registration at the CRC institution. Courses taken without such approval will not be accepted by the college. Further, after a student has earned 65 or more semester hours of academic credit at this or any other college, credit earned subsequently from a junior college, community college, technical institute or other comparable institution will not be accepted as transfer credit.

Credits from graduates of College Parallel programs in state approved community colleges and technical institutes will receive full value for courses completed. The student must, however, meet the requirements of the Saint Augustine's College major, even if this involves pursuing freshman and sophomore level courses. The respective Division Chairperson and/or department head will review the record of the transfer student and will make the final recommendation on courses to be taken for the degree. This rule will also apply in cases where the transfer student has earned the Associate in Arts or an Associate in Science degree from a state approved or Southern Association of Colleges and Schools accredited program.

All transfer credits will be evaluated where applicable, but will not be computed in the grade point average at Saint Augustine's College. It should be understood that courses taken at Cooperating Raleigh Colleges in our interinstitutional program are not considered to be transfer credits and are therefore computed in the semester and /or cumulative grade point average of the respective student.

In cases where conditional admissions are given to students transferring from nonaccredited institutions, only courses which are equivalent to courses offered at Saint Augustine's College will be credited toward the baccalaureate degree, with such credits to be validated by at least one semester of "C" average work at Saint Augustine's College.

MILITARY CREDIT

Credit for military schools and educational experiences in the armed forces is awarded on the basis of recommendations of the American Council on Education, and approval of the Vice President for Academic Affairs at Saint Augustine's College.

GRADUATION REQUIREMENTS

A prospective graduate must make application in triplicate to his/her respective department head, in order to verify his/her eligibility to apply to the college for admission to candidacy for graduation. Application should be filed within the first 31 days of classes during the semester immediately prior to that in which the student plans or expects to graduate. The department head will check the academic record of the student to determine whether or not the student has satisfactorily completed the curriculum requirements of his/her major as of the time of matriculation or readmission in that respective major area; except courses now in progress, each of which should be passed with a grade of "C" or above. Appropriate recommendation will then be made to the Registrar of the college.

To qualify for the baccalaureate degree, the student

1. Should have met the minimum requirements of his/her major (as of the time of matriculation in that subject area, or readmission) which must include at least 120 semester hours.
2. Should have earned a cumulative academic average of "C", or 2.00
3. Should register in residence and earn appropriate credits in the last 30 semester hours required to satisfactorily complete the degree. (The Cooperating Raleigh College Consortium will be considered "in residence.")
4. Should complete, as a transferee from a junior college, community college, or technical institutes a minimum of 60 semester hours at Saint Augustine's College to earn the baccalaureate degree.
5. Should be cleared of all financial obligations to the college, to the satisfaction of the College Cashier, prior to the Commencement Exercise in which the respective student expects to be awarded the baccalaureate degree.
6. Should file a formal application for admission to candidacy within the first 31 days of classes during the semester immediately prior to that which the student expects to graduate.

Candidates for degrees are required to participate in all commencement exercises unless excused by the President, upon the recommendation of the Vice President for Academic Affairs.

Graduation fees are:

Diploma Fee	\$ 10.00
Cap, Gown, and Hood	\$ 10.00
Placement Fee	\$ 2.00

The charge for a transcript is \$2.00.

Diploma cover and insert will be presented to each student at the time of graduation. Students who are approved for graduation in absentia will receive their diplomas through the U.S. Mail. A cash payment of \$10.00 will be required for each backdated order for diploma replacement, and a cash payment of \$5.00 will be charged each student who fails to pick up his/her diploma at graduation and subsequently requests that it be mailed.

DEANS LIST

All students must make a minimum grade of C or above in all courses in their major in order to receive credit for same. Students who make less than a grade of C in any course in their major must repeat it. The Dean's List, announced at the end of each semester, is achieved by a semester average of B, with no grade less than C for a minimum of 12 credit hours.

GRADUATION HONORS

Graduates receive recognition at Commencement if they rank in one of three honor groups. To obtain any of these honors, the students should have no grade below "C", which means that there should not be a grade of "D", a grade of "I", and there should not be a course showing "no grade."

Summa Cum Laude	3.70 to 4.00
Magna Cum Laude	3.40 to 3.69
Cum Laude	3.10 to 3.39

Confidentiality of Student Records

Saint Augustine's College's policy relating to the confidentiality of student records is in keeping with the "Family" Educational Rights and Privacy Act of 1974, as Amended. Information about a student (or former student) will not be released without the written consent of the student, other than in the exceptions stated in the Federal Act. A student is also accorded the right to inspect and review his/her academic records. A copy of the rights and privacy act is on file in the Office of the Registrar, and salient excerpts and/or translations are printed in the Student Handbook from time to time.

WITHDRAWAL

When a student has been duly accepted and registered in the institution, it is considered a formal and explicit contract for the year. A withdrawal slip must be signed by the Dean of Students in charge of student affairs and other college officials designated for any student who plans to leave the college any time during the school year. Refunds are based upon the plan listed in the Financial Area of the catalogue. A student who leaves the college without processing a formal application for withdrawal will receive failing grades for each course for which he/she is registered. It is necessary that the application for withdrawal is processed before the last day of classes in which the withdrawal is to become effective.

DISMISSAL PROVISOS

Saint Augustine's reserves the right to summarily terminate the student's relationship with the college, if he/she is unable to meet the college's academic standards, or if his/her presence in the college constitutes a danger to his/her own health or to that of others, or if his/her actions are in disharmony with the objectives of the college, its social regulations or moral codes, or also when in the college's opinion his/her presence does not seem in the best interest of the institution or if the college discovers that the student has failed to list all colleges previously attended. Dismissal might be done without charging such a student with a specific offense.

STANDARDS OF STUDENT BEHAVIOR

Students of Saint Augustine's College are expected to conduct themselves as ladies and gentlemen both within the institution and outside. For student conduct which tends to discredit the college, the President is authorized by the Board of Trustees to impose appropriate penalty.

The college reserves the right to suspend, enforce the withdrawal of, or expel a student whose academic standing is unsatisfactory or who violates the College Codes of Conduct.

Generally, prohibited conduct for which a student would be subjected to discipline are:

- a. Physical abuse of any person on college-owned property or behavior which threatens or endangers the well-being of any such person.
- b. Damage to college property or a member of the college.
- c. Unauthorized entry into or occupation of college facilities which are locked and/or restricted as to use.
- d. Intentional disruption or obstruction of teaching or any authorized activities on college property.
- e. Violation of codes related to residence in college-owned property.
- f. Misuse of college documents and records.
- g. Disorderly conduct on college-owned campus.

HONORS PROGRAM

ORGANIZATION

An Honors Program was begun at this Institution during the 1959-60 school year.

Supervision of the program is the responsibility of a committee of the teaching faculty appointed by the Vice President for Academic Affairs.

PURPOSE

The Honors Program offers the opportunity for those students who, by their past performances, have indicated unusually high academic promise to continue self-development. Faculty committee members work with them in special honors courses and seminars designed to help these students develop into independent scholars capable of engaging in research, thinking creatively and expressing themselves accurately.

ESSENTIAL FEATURES

- a. Selected honors courses in the regular college curriculum.
 - b. Independent study under the supervision of various faculty members.
 - c. Honors seminars.
1. Students enrolled in the Honors Program must take all required courses in the regular college curriculum.
 2. In addition to the regular courses, an honor student may in consultation with the faculty member teaching a course, the Vice President for Academic Affairs, and the Honors Program Committee, take a regular course for honors credit. The student will be required to do additional assignments over and above the regular assignments and take all of the regular examinations given in the course.
 3. An honors student, in consultation with the Honors Program Committee and with the approval of the Vice President for Academic Affairs may select an independent study project under the supervision of a member of the faculty. After the project has been completed, the student must prepare a written report embodying the results of his/her findings, and also discuss this report with a committee composed of persons selected by the Honors Program Committee and the faculty member under whose supervision the study was made. An honors student may carry a maximum of four semester hours per semester in independent study.
 4. All students enrolled in the Honors Program must attend the honors seminar which will meet twice each month. Each seminar will involve a discussion of various concepts, principles and personalities using selected papers, books, and/or speakers. The honors seminar will carry one semester hour of credit.

ADVANTAGES

1. The joy that comes from discovering new ideas and being able to see how far they go beyond the boundaries of the classroom and college.
2. An opportunity for advanced work in areas of special interest to the honors student.
3. The privilege of working closely with outstanding instructors in special courses, seminars, and independent study projects.
4. The opportunity to share ideas and scholarly achievements with other students.
5. The receiving of a tuition remission grant or a direct scholarship.

SELECTION OF HONOR STUDENTS

- A. A student already attending Saint Augustine's College may be selected for honors work provided the following requirement is fulfilled:

Indication of high academic ability as evidenced by a cumulative average of at least 3.00 (B) which has been maintained for two consecutive semesters and the acquisition of 32 of more semester hours credit.

- B. A transfer student may be admitted to the Honors Program provided he/she has been in residence at Saint Augustine's College at least one year and his/her previous academic training is deemed satisfactory by the Honors Program Committee.
- C. An entering freshman may be selected for honors work provided the score on the college entrance examination is considered satisfactory by the Honors Program Committee and approved by the Vice President for Academic Affairs of the college.

The Honors Program Committee will recommend to the Vice President for Academic Affairs of the college those students considered eligible for participation in the Honors Program.

CALIBRE OF WORK REQUIRED OF HONORS STUDENTS

In order to remain in the Honors Program, the student's work should be maintained at a level of excellence deemed satisfactory by the Honors Program Committee. A student whose cumulative average falls below 3.00 (B) may be dropped from the Honors Program.

EXPECTATIONS

1. To perform at a higher level than that demanded by students following the regular curriculum.
2. To participate in one major scholarly activity on the campus each semester.
3. To show willingness to use one's time and ability for personal, intellectual development and for the scholarly benefit of the entire college community.
4. To demonstrate serious interest in learning rather than simply meeting requirements for grades and credits.

ADMINISTRATION

The Honors Program Committee, in consultation with the Vice President for Academic Affairs, is charged with the formulation, development and administration of the Honors Program.

SPECIAL PRIVILEGES FOR HONOR STUDENTS

In addition to the inherent advantages accrued from participation in an Honors Program, honors students enjoy the following additional privileges:

1. Each student selected for honors work will be given a tuition grant, the amount of which will be determined by the amount of money allocated to the Honors Program and the number of students participating in the program.
2. Honors students are permitted to participate fully in extracurricular activities.
3. Honors students may be exempted from the provisions of the class-cut rule in honors courses.
4. An Honors Diploma will be awarded at graduation to each student who has a cumulative point-hour ratio of at least 3; who has completed at least six semester of Honors work, and does not have more than four C's on his or her record.

DESCRIPTION OF HONOR COURSES

H211 HONORS SEMINAR. A seminar conducted by the Honors Program Committee composed of students enrolled in the Honors Program. Students must attend regularly scheduled sessions designed to explore pertinent concepts, theories, principles and personalities using selected papers, books, and speakers. One to three semester hours credit. Offered both semesters.

H441 INDEPENDENT STUDY. A course involving independent literary and laboratory research under the supervision of a member of the faculty. An oral and written report must be presented to an honors examination committee after each research project has been completed.

One to four semester hours credit. Offered both semesters.

In addition to the above courses, honors students may do work in approved courses selected from the regular college curriculum.

Honors students participating in these courses are required to do additional assignments over and above the regular assignments in the course.

For additional information contact;

THE CHAIRMAN, HONORS PROGRAM COMMITTEE, c/o VICE PRESIDENT FOR ACADEMIC AFFAIRS, Saint Augustine's College, Raleigh, North Carolina 27611

HONOR SOCIETIES

Beta Kappa Chi Society for Natural Science majors was established at Saint Augustine's College in 1957. Membership is based upon character, leadership and a 3.00 point average in the Natural Sciences.

Alpha Kappa Mu was established at Saint Augustine's in May, 1950. Membership is based upon character, leadership, and a cumulative scholastic average of 3.30, and the completion of sixty (60) hours of credit at the college. It is a member of the Association of College Honor Societies.

Beta Kappa Chi, Science honor society, was established at Saint Augustine's in 1951. Membership is based upon character, leadership and a 3.00 average in science.

Sigma Tau Delta was established at Saint Augustine's in 1972. Membership is based upon character, leadership, and a cumulative scholastic average of at least 3.00 points in English. The student must be a major in English.

Eta Xi was inaugurated at Saint Augustine's in 1973. Membership is open to anyone who has taken at least three hours of French beyond Elementary and Intermediate, and who has a B average in those courses.

Delta Mu Delta was established at Saint Augustine's in 1972. Membership is based upon character, leadership, and a cumulative scholastic average of at least 3.2 in Business Administration. The student must be a Business Administration major.

Phi Kappa Alpha Humanities Honor Society was established at Saint Augustine's in 1954. Membership is based on character, leadership, and cumulative scholastic average of 3.00.

Phi Alpha Theta International Honor Society for majors in history was chartered at Saint Augustine's College April 22, 1977. Membership requires a 3.1 GPA in history and a 3.0 GPA overall.

Alpha Kappa Delta Honor Society is open to majors in Sociology who are outstanding in the field, manifest potential leadership and have a cumulative average of 3.1. The college has not established its own chapter, but is affiliated with North Carolina State University in Raleigh.

Kappa Delta Pi, national honor society in education, was established at Saint Augustine's College in October, 1977. Membership is open to any junior or senior who has a 3.00 average or above and at least twelve semester hours of Professional Education Courses completed, in process, or programmed. The student must exhibit desirable personal qualities, leadership, and educational ideals.

Who's Who in American Universities and Colleges was established in the fall of 1960. Membership is based upon outstanding character, leadership, and scholarship.

PRE-MEDICAL AND OTHER PRE-PROFESSIONAL TRAINING

Special provision is made, in connection with the regular course of study, for students preparing to enter medical and dental schools. Such students must complete the following minimum requirements: Chemistry, 12 semester hours, 5 of which must be in Organic Chemistry; Biology, at least 8 semester hours; Physics, 8 semester hours; a foreign language, at least 6 semester hours; English, 8 semester hours. Students should remember, however, that medical colleges vary in their entrance requirements. Pre-medical students should check the requirements of the medical schools that they wish to attend while working out their program of study along with the academic advisors.

It is highly advisable that the degree requirements be completed in preparation for medical or dental school.

The college is approved by the American Medical Association for pre-medical education.

In addition to Pre-Medical offerings, certain approved sequences provide preparation for the study of Dentistry, Pharmacy, Veterinary Medicine, Laboratory Technology, Law, Theology, Social Work, Nursing, and Physical Therapy.

PRE-THEOLOGICAL EDUCATION

The American Association of Theological Schools recommends the following subjects for Pre-Seminary study: English Literature, Composition and Speech, 12-16 semester hours; Philosophy, 6-12; (should include at least two of the following: Introduction to Philosophy, Ethics, Logic); General Education: Origin of Beliefs, 3; History, 6-12; Psychology, 2-3; Foreign Language; 12-16; (at least one of the following: French, German); Natural Sciences, 4-6; Social Sciences, 4-6; (at least two of the following: Economics, Sociology, Government or Political Science, Social Psychology, Education).

Of the various possible areas of concentration, a major in English, Philosophy, or History is regarded as the most desirable.

TEACHER EDUCATION

The college offers a curriculum leading to certification by the Department of Public Instruction of North Carolina and many other states for early childhood, elementary, and high school teaching. These programs are described under the Department of Education. To qualify for student teaching, a student must have a cumulative average of 2.35 or better, and no grade below C in his or her major area of concentration.

STUDENT TEACHING

All students who desire to do their student teaching may be required to spend from six to eight weeks off-campus, living in the community where the student teaching will be done. Students should make their plans to this end.

Arrangements will be worked out by the college with the cooperating school. In no case should the student take it upon himself or herself to make arrangements for a place to do student teaching.

Boarding students who live off-campus during the student teaching period will be relieved of the cost of board at the college during that period. The cost of lodging will not be reduced as the rooms will be retained for them. There is no way in which the college can control the cost of board and lodging in the various communities of the State, though an attempt will be made to find suitable accommodations at reasonable costs. The students, therefore, should be prepared to negotiate directly with the persons from whom they secure board and lodging.

Students who are doing student teaching will not be permitted to participate in tours of performing organizations.

FINANCIAL INFORMATION

EXPENSES

Although the basic charges made to a regular full-time boarding student are only \$4,900.00, the average cost per student to the college is between \$6,000.00 and \$7,000.00 a year. The college must obtain from endowment income and gifts the difference between the actual cost and the amount the student pays. This basic charge does not include laboratory and other special fees or expenditures for books and supplies.

Students are expected to meet their financial obligations promptly and without notice from the Business Office. It is their personal responsibility to keep their parents or guardians informed of all charges even though the Business Office will send statements each semester. Saint Augustine's College emphasizes promptness in the payment of bills as an educational experience. "All students must meet their financial obligations to the college by the deadline date indicated in the school calendar. Those who do not settle their financial affairs by that date may be summarily suspended from Saint Augustine's College."

The college reserves the right to raise or lower any or all charges and to require full payment of same at the beginning of each semester.

ESTIMATED GENERAL EXPENSES FOR THE COLLEGE YEAR 1984-85

	BOARDING STUDENTS		NON-BOARDING STUDENTS	
	1st Semester	2nd Semester	1st Semester	2nd Semester
*Tuition	\$1,050	\$1,050	\$1,050	\$1,050
*Academic Fees	200	200	200	200
Non-Academic Fees	200	200	200	200
**Room & Board	900	900		
Special Surcharge	100	100	100	100
Sub-total	\$2,450	\$2,450	\$1,550	\$1,550
New Students — Add Breakage deposit	25		25	

* All students who carry more than 18 hours must pay an additional \$60.00 per hour. Laboratory fees are not included in this estimate and the total may vary from \$10.00 to \$30.00, depending on the subjects taken.

** Residents of Latham Hall, Addison Place, Heck Street and Hermitage must add \$50.00 per semester.

The estimated charge for books and supplies is \$150 per semester. Students on financial aid may make an initial payment according to their award letter from the Financial Aid Office. All other students are required to make payments as indicated.

RETURNING STUDENTS	BOARDING	NON-BOARDING
At Registration		
1st Semester (Does not include estimated cost for books & supplies)	\$2,450	\$1,550
2nd Semester	\$2,450	\$1,550
NEW STUDENTS		
At Registration		
1st Semester (Includes Breakage deposit)	\$2,475	\$1,575
2nd Semester	\$2,475	\$1,575

**ALL PAYMENTS MUST BE MADE BY CASHIER'S CHECK
CERTIFIED CHECK OR MONEY ORDER**

12-18 hours per semester (for fewer than 12 hours — \$60 per semester hour).

Laboratory fees, textbooks, and supplies are not included (typing, art, science, music, etc.) includes: registration, library, artist series and dramatic events.

Includes medical service, student activities, student publications, athletic events, examination fees, and student union fees.

Room and board is a yearly fee and is divided into installments for the convenience of patrons.

Freshmen who enter the first semester pay under the old student schedule for second semester. The additional charge for new students includes a \$25.00 breakage deposit. This deposit is held for the entire term that the student is registered.

Students whose accounts are in arrears are subject to be dropped from classes, housing and dining facilities.

PAYMENTS AND REFUNDS

- 1. All payments must be made by Cashier's Checks, Certified Check or Money Order.**
2. All checks or money orders should be made payable to:
Saint Augustine's College

3. Envelopes should be addressed to:
 Vice President for Financial Affairs
 Saint Augustine's College
 Raleigh, North Carolina 27611
4. No part of any remittance made payable to the college will be given to the student except by written request of the person making the remittance. The request should be mailed directly to the Vice President for Financial Affairs.
5. When a student has been duly accepted and registered, it is considered a formal and explicit contract for the year. Should a student withdraw, no refund of tuition and fees will be granted except in cases where the student is ill.
6. In cases of suspension, no refund will be allowed.
7. Charges for rooms are made by the semester and no refund is given if a student moves from the dormitory during a semester. Unused board is refunded if the college is properly notified in advance and the time involved is at least 1 week.
8. Any expense incurred in an emergency by the college for the student, will be charged to the student's account, and must be paid within 30 days.
9. If payments are not made when they are due, the college reserves the right to withdraw its services and accommodations.
10. A charge of 1% per month (Appx. 12%) may be charged for deferred or delinquent payments.

Refunds are based upon the following plan:

Withdrawal during the first week	80% (20% Charge)
Withdrawal during the second week	60% (40% Charge)
Withdrawal during the third week	40% (60% Charge)
Withdrawal during the fourth week	20% (80% Charge)
Withdrawal during the fifth week or later	No refund
Expulsion	No refund

A late registration fee of \$10.00 for the first day and \$5.00 for each additional day up to a maximum of \$30.00 will be charged to those who complete their registration after the close of the regular registration period. The same fee will apply to students who do not pre-register during the pre-registration period. Late registration fees must be paid in cash.

AGREEMENT WITH MINORS

"The formal enrollment at Saint Augustine's College of each student shall itself create the student's agreement and legal obligation to pay for all debts and expenses incurred by or for him or her in connection with his or her attendance at the college."

"The formal enrollment at Saint Augustine's College of each student who is a minor shall itself create the agreement both of the student and of his or her parent or guardian that the debts and expenses incurred by or for the student in connection with his or her attendance at the college are necessary expenses of the minor student within the meaning of the laws of the State of North Carolina pertaining to minors, and shall itself further create the agreement and joint and several legal obligations of said student and of his or her parent or guardian to pay for all such debts and expenses."

MATRICULATION FEE

Every application for admission must be accompanied by ten dollars (\$10.00). No refunds are made. This is an administrative fee and is not deductible from the student's account.

FEES FOR SPECIAL OR PART-TIME STUDENTS

A student carrying less than 12 hours must pay the following fees per semester:

Registration	\$20.00	Library	\$15.00
Tuition (per semester hour)	60.00	General Fee	25.00

AUDITING FEE

The fee for auditing a course shall be our regular tuition rate an hour. If the course involves a laboratory fee, the amount of that fee shall be an additional cost.

CONTINUING EDUCATION

The charges for Continuing Education classes are normally made under this arrangement. When a student takes classes in the day and evening programs, the charges are combined and made on the basis of a day student.

FINANCIAL AID ELIGIBILITY REQUIREMENTS

Approximately 90 percent of the students enrolled at Saint Augustine's College receive some type of financial aid. These students are enrolled in all academic departments and involved in all areas of college life. Eligibility for financial aid is based on financial need, which is determined by the completion of a national application. That national application is described in the "Application Procedures" section of this brochure.

In addition to financial need, an applicant for financial aid must:

1. Be a United States citizen or National or in the United States for other than temporary purposes.
2. Be enrolled as at least a half-time student at Saint Augustine's College. A student must enroll for at least 6 semester hours to be considered half-time (North Carolina financial assistance programs require full-time enrollment or 12 semester hours).
3. Be maintaining satisfactory academic progress according to institutional standards.
4. Not be in default on any loan made from a student loan fund at Saint Augustine's College or on a loan made under the Guaranteed/Federally Insured Student Loan Program for attendance here or at any other institution.
5. Not be delinquent on the repayment of a grant previously received.
6. If required, register with the Selective Service Administration.

Undergraduate students enrolled full-time in a degree program may apply and receive consideration for all types of assistance through the college. Students enrolled on a half-time basis may be eligible for some programs. International students, except those on a permanent visa, are not eligible for federal financial assistance through the college. Questions regarding eligibility for assistance other than federal should be directed to the Financial Aid Office.

APPLICATION PROCEDURES

All students and prospective students interested in securing financial assistance are required to submit the following applications:

- 1) The Saint Augustine's College Application for Financial Assistance which is returned to the Financial Aid Office.
- 2) The Financial Aid Form (FAF) which is returned to the College Scholarship Service (CSS) in Princeton, New Jersey with the appropriate fee, or the Family Financial Statement (FSS) which is returned to the American College Testing Service (ACT). The FAF is preferred at Saint Augustine's College.
- 3) The North Carolina Legislative Tuition Grant Application which is available at registration (For North Carolina residents only).

APPLICATION DEADLINES

The application deadline for entering freshman, transfer, continuing, and re-admitted students is March 15th of the year that financial assistance is desired. Students applying after the deadline risk not receiving adequate financial assistance.

DESCRIPTION OF FINANCIAL AID PROGRAMS

Saint Augustine's College administers three categories of student financial aid. They are (1) Grants and scholarships, (2) loans and (3) employment. Grants and scholarships are considered "gift" aid that does not have to be repaid. Loans

and employment are considered “self-help” aid. Loans are repayable at nominal interest rates and assistance from employment has to be earned. A description of the student assistance programs available at Saint Augustine’s College is given below.

To be considered for all sources of financial aid, an applicant must meet the eligibility requirements. All enrolled students desiring to apply for financial aid based on need or desiring to renew existing financial aid at Saint Augustine’s College, must complete their applications and submit the same to the Office of the Vice-President for Financial Affairs not later than May 1 of the year preceding the academic year for which Financial Aid is desired. No application for financial aid submitted after May 1 will be considered. In exceptional cases, students who have for good cause failed to meet the May 1 deadline, may have their applications considered upon payment to the college an administrative processing fee of \$50.00.

GRANTS AND SCHOLARSHIPS

- 1) **Pell Grant** — The Pell Grant Program is a federal entitlement program providing grants to eligible students ranging from \$200 to \$1900 per academic year. The amount of each grant is determined by the financial need of the applicant and the cost of education.

The College Scholarships Service Financial Aid Form (FAF) or the American College Testing Family Financial Statement (FFS) should be used as the application for the Pell Grant. Applicants are encouraged to carefully follow the instructions with the Financial Aid Form (FAF) or the Family Financial Statement (FFS) to insure the proper processing of the Pell Grant application. Approximately six weeks after mailing the FAF to College Scholarship Service or the FFS to American College Testing Service a Pell Grant Student Aid Report will be mailed to the applicant. All copies of the Student Aid Report should be submitted to the Saint Augustine’s College Financial Aid Office, as no report is mailed to the school from the Pell Grant Agency.

- 2) **Supplemental Educational Opportunity Grant (SEOG)** — The SEOG program is a federal program that provides grants ranging from \$200 to \$2000 per academic year. The Financial Aid Form or the Family Financial Statement should be used as the application for SEOG.

- 3) **North Carolina Student Incentive Grant (NCSIG)** — The North Carolina Student Incentive Grant is a need based grant ranging from \$200 to \$1500 per academic year. It is administered by the State of North Carolina through College Foundation, INC. For an applicant to be considered, he or she must have a copy of the Financial Aid Form or the Family Financial Statement sent to College Foundation, INC. by March 15th of the year he/she is applying for financial aid and be a resident of North Carolina.
- 4) **North Carolina Legislative Tuition Grant (NCLTG)** — The North Carolina Legislative Tuition Grant is available to residents of North Carolina attending Saint Augustine's College on a full time basis. These funds are paid to the college to credit to each eligible applicants accounts. The grant is \$375 per semester for the 1983-84 academic year. The amount of the NCLTG is subject to change.
- 5) **North Carolina State Contractual Scholarship Fund (NCSCSF)** — These funds are given to the college to administer and apportion at its discretion. To be considered an applicant must have a Financial Aid Form or Family Financial Statement on file in the Saint Augustine's College Financial Aid Office. The amount ranges up to \$3000 per academic year.
- 6) **Institutional Scholarships** — Saint Augustine's College administers its own scholarship program. Scholarships are awarded to students based on academic or athletic achievement. For more information, contact the Financial Aid Office.

Loans

- 1) **National Direct Student Loan (NDSL)** — The National Direct Student Loan Program provides low interest loans to students that demonstrate financial need. The maximum aggregate loan amount for an undergraduate student is \$6000. There is a further limit of \$3000 for the first two years of undergraduate study. The interest charged for these loans is 5%. Interest is not charged while the student is enrolled in school. Repayment begins six months after the student graduates or withdraws from the college. Sample repayment plans for various amounts borrowed are indicated below.

Sample Repayment Plans

Amount Borrowed	Amount Of Monthly Payments	Number Of Monthly Payments	Final Payment	Total Interest	Total Amount Repaid
\$ 500.00	\$ 30.00	17	\$ 9.29	\$ 19.29	\$ 519.29
1,000.00	30.00	35	28.87	78.87	1,078.87
1,500.00	30.00	56	5.53	185.53	1,685.53
2,000.00	30.00	78	7.91	347.91	2,347.91
2,500.00	30.00	102	17.31	577.31	3,077.31
3,000.00	31.82	119	31.76	818.34	3,818.34
4,000.00	42.43	119	41.96	1,091.13	5,091.13
5,000.00	53.04	119	52.15	1,363.91	6,363.91
7,500.00	79.55	119	79.41	2,045.86	9,545.86
10,000.00	106.07	119	105.48	2,727.81	12,727.81

- 2) **Guaranteed Student Loan (GSL)** — The Guaranteed Student Loan Program provides low interest, long term loans to eligible students. The maximum loan amount per academic year is \$2500. Interest charged is 9%. Interest is not charged while the student is enrolled in school. Repayment begins six months after the student graduates or withdraws from the college
- 3) **Alpha Kappa Alpha Sorority Loan Fund** — established by The Alpha Theta Omega Chapter of Alpha Kappa Alpha Sorority in 1959.
- 4) **Dr. Artemisia Bowden Loan Fund** — established by the Rev. Henry J.C. Bowden. This is a continuing fund to be used to aid a worthy student or students demonstrating promise of leadership in an administrative phase of the field of education. Determination to be made by appropriate college officials.
- 5) **Friendly Loan Fund** — established by Miss Nell A. Stinson, a friend of the college and instructor in the secondary schools of Raleigh, North Carolina.
- 6) **Mitchell Loan Fund** — established by Dr. Eric Mitchell, a former student at Saint Augustine's College and practicing physician of Norfolk, Virginia. The Fund is established in memory of his mother, Mrs. Edith Mitchell.

NOTE: Recipients of awards, prizes and scholarships will receive formal notice from the Financial Aid Office within a few days following Commencement.

The actual awarding of scholarships is contingent upon the receipt of funds from the donor.

EMPLOYMENT

- 1) **College Work Study (CWS)** — The College Work Study Program is a federal program providing part-time, on campus employment to eligible students. Students earn at least the minimum wage and work 10-20 hours per week. Most students use these funds to meet their direct educational expenses. Payment is made monthly. The Financial Aid Form or the Family Financial Statement should be used to apply for College Work Study.
- 2) **Work Aid** — The Work Aid Program is administered by Saint Augustine's College. It is an institutional program similar to the College Work Study Program, the only difference being that institutional, not federal, funds are used to finance this program.

Cumulative Progress: Students must, in addition to the above, meet the retention standards as outlined in our catalog.

NOTE: In special situations or cases, the Vice President for Academic Affairs may, for compelling reasons, after consultation with appropriate faculty, waive a specific requirement relative to satisfactory progress.

Financial Aid Probation

1. Students who fail to meet the standards listed above will be placed on financial aid probation. Students who are placed on academic probation will be automatically placed on financial aid probation.
2. Removal from financial aid probation will require that students be removed from academic probation. Therefore, students may enroll in summer school and complete the summer term with satisfactory grades in order to reenter the college and continue for each subsequent term of enrollment.
3. Students will be eligible to apply for readmission to the college after the dismissal period, provided they have achieved the minimum required academic standards.

Removal from Financial Aid

1. Students on financial aid probation, who fail to meet the above lists of progress of enrollment of financial aid, will be removed from financial aid.
2. Students who receive all F's in courses attempted could be removed from financial aid without a probation period.
3. Students who are placed on academic probation and dismissed from Saint Augustine's College will be dropped from financial aid.

Appeals

Students who are dropped from financial aid may appeal that decision. The same procedures for this appeal may be followed as those outlined for appealing financial aid probation.

NOTE: Students who are not eligible to receive federal funds will not be prevented from reenrolling at the institution, if they are eligible to reenroll.

SCHOLARSHIPS AVAILABLE TO STUDENTS

The college provides a large number of competition scholarships available to interested students. These include a variety of individually donated scholarships that are awarded to students from private donors and public agencies. The recipients of these scholarships are selected on a competitive basis and are usually announced during the Commencement each school year. The college also provides tuition remission scholarship for any student whose parents or spouse is employed as a staff member here at the college and who is considered as a dependent of that employed staff member.

In addition, the college provides the following scholarships based upon demonstrated academic ability, need and performance skill:

- Admission Scholarships
- General Institutional Scholarships
- Presidential Scholarships
- Athletic Grant-in-Aid



A favorite meeting place for students is the College Union Mall and Reflecting Pool.

**SAINT AUGUSTINE'S COLLEGE
SCHOLARSHIP RECIPIENTS
1984-85 ACADEMIC YEAR**

The Seby Jones Scholarship	Babatunde Dehinde	1,000.00
	Jerard Chislom	1,000.00
	Tony M. Terry	500.00
	Godwin O. Ekeke	500.00
The Emma Joy Hall Scholarship, Episcopal Churchwomen, Diocese of N. C.	Blanche Y. Lamb	1,000.00
The Rev. & Mrs. Alexander M. Rodger Scholarship in the Division of Social Sciences (Four Scholarships 1984-85)	Sharon A. Smith	500.00
	Andrew Toppin	500.00
	Marie Thompson	500.00
	Willie Marrow	500.00
Shell Companies Foundation Scholarship	Bettina L. Adams	1,000.00
	Albert K. Som PimPong	1,000.00
Sadie M. Winslow Memorial Scholarship '39 in Memory of Her Mother	Victoria Price	500.00
Lettie Pate Whitehead Foundation, Inc.	Lynn R. Ruffin	1,000.00
	Joyce M. Johnson	1,000.00
	Elizabeth D. Roberts	1,000.00
	Pamela Burns	1,000.00
	Beverly U. Douglas	1,000.00
The A. M. Pullen & Company Accounting Scholarship	Cynthia L. Williams	1,000.00
Donnell D. Morris Leadership Award	Calvin Harrison	100.00
The James E. & Mary Z. Bryan Memorial Scholarship	Anthony Rigby	1,000.00
	Renee Speight	1,000.00
	James Thomas	500.00
Aetna Life Scholarship	Monique Barbour	1,000.00
	Carolyn D. Raspberry	1,000.00
	Ange R. Perrault	1,000.00
	Renee M. Swain	500.00
	Eric L. Perry	1,000.00
	Josiah B. N. Bennetone	500.00
Dr. & Mrs. Lewis Killiam in Memory of Rev. E. H. Goold	Adrian Powell	250.00
In Memory of Cora Nelms Holder by the Rev. Oscar E. Holder	Andrew L. Toppin	500.00
Perry-Drake-Weston Award	Tina Donnadelle	235.00
Episcopal Restitution Fund Commission	Yusador Gayle	1,000.00
	Sherry Ginton	1,000.00
	Cyril Attiogbe	500.00
	Babunda Nzau	500.00
Episcopal Churchwomen Diocese of N. C.	Bettie L. Fowler	1,000.00
In Memory of Lester Y. Hamilton, Sr. given by the Rev. Cannon & Mrs. John C. Davis	Shelia Taylor	500.00
Trinity Episcopal Church, Columbus, Georgia	Gladys N. Isima	1,000.00
	Elizabeth A. Boyles	1,000.00
The Teagle Foundation	Patricia Lockhart	1,000.00
	Mike Hsu	1,000.00
	Calvin Harrison	1,500.00
	Carla Coaxum	1,500.00
	Teresa C. Davis	1,000.00
	Johnna S. Cooper	1,000.00
	Edward Ward	1,000.00
	Annie E. Jarrett	1,000.00
	Barbara Middleton	1,000.00
	Saraha Wilson	1,000.00
	Collen Banks	1,000.00

A. J. Fletcher Educational and Opera Foundation, Inc.	Miranda Innis	1,000.00
	Willie Mvemba	1,000.00
	Kim Ellis	1,000.00
	Elaine Cash	1,000.00
	Yetunde Dehinde	1,000.00
	David E. Matoke	1,000.00
	James Thomas	1,000.00
Howard Thurman Educational Trust Fund	Jennifer Issac	1,000.00
	Victoria Price	1,000.00
Eta Sigma Chapter	Rickey R. Purdie	350.00
Phi Beta Sigma Fraternity		
The Walker-Stone Endowed Scholarship	Valerie Shepard	1,000.00
John L. LeFlore, Sr. — Ruth LeFlore Ward Endowed Memorial Scholarship Award	Carla Maddox	720.00
St. Martin's Episcopal Church Charlotte, N. C.	James Crunkleton	250.00
Washington High School Alumni Association Greater New York	Adrian Powell	750.00
St. Augustine's College Laymen's League Scholarship	Willie Kelley	700.00
The Pearl E. Davis Memorial Scholarship	Teresa C. Davis	100.00
Theodore R. Barnes Memorial Scholarship	Deron Grady	200.00
The Arthur D. Gaskin Scholarship	Reginald Dancy	1,000.00
The W. W. Johnson Endowed Scholarship in the Life Sciences	Carol Johnson	160.00
The Clarence J. Branch Biology Award	Franzetta Trapp	100.00
The Episcopal Churchwomen of St. Augustine's College	Catherine McCladdie	200.00
Kenneth De P. Hughes Award given by the Union of Black Episcopalians	Eric England	100.00
Bishop Moore's Endowed Scholarship Fund	Eric England	150.00
The Jennie Moore Prize	Eric England	100.00
Hillery Thorne, Sr. Memorial Graduate Scholarship Class of '25 in Memory of His Grandmother, Mother and Aunt	Reneé Myatt	500.00
Dr. E. G. Bowden Science Award	Eric England	10.00
In Memory of John W. "NICK" Bethel	Carol Johnson	457.00
The Joseph Simeon Holloway Scholarship Award	Increase Akuchie	25.00
Dr. A. E. Teele Educational Leadership Award	Increase Akuchie	25.00
Iota Iota Chapter	Willie Marrow	500.00
Omega Psi Phi Fraternity, Inc.		
Dr. Arthemistia Bowden Education Award	Elizabeth Roberts	15.00
Episcopal Churchwomen Scholarship Diocese of Albany	Gordon Hammie	400.00
Episcopal Churchwomen, Christ Church Charlotte, N. C.	Gregory Swann	250.00
St. Stephen's Episcopal Church Durham, N. C.	Cynthia Wilkins	200.00
The Rev. Canon F. Ricksford Myers Memorial Award	Increase Akuckie	85.00
The Berry-Epps Scholarship Award	Veronica Graves	365.00
Episcopal Churchwomen Diocese of Long Island	Cynthia Wilkins	100.00

The Bishop Henry B. Delany Scholarship	Veronica Graves	240.00
Dr. John O. Plummer Pre-Medical Award	Veronica Graves	200.00
Carrie Plaskett Memorial Fund	Cynthia Wilkins	250.00
Episcopal Churchwomen, Diocese of Newark		
Phi Beta Lambda Award	Increase Akuckie	100.00
The Etta Sanders Memorial Scholarship	Increase Akuckie	25.00
given by George E. Sanders		
Grand Chapter Order of Eastern Star	Joyce Johnson	500.00
North Carolina		
Episcopal Churchwomen, Diocese of	Robert M. Davis, II	200.00
Western, N. C.		
The Pearl Brereton Science Award	Veronica Graves	150.00
In Memory of Dr. John S. Logan, Sr.	Joyce Johnson	500.00
by Rev. Dr. Thomas S. Logan, Sr.		
Given by Donald & Theda M. Wilson	Franzetta Trapp	250.00
in honor of their mothers, Mrs. Jeanette G. Wilson and Mrs. Maggie H. Morris		
Memorial to Mr. Bernard Lucas	Joe M. Mvemba	250.00
Chicago Alumni Chapter		
St. Cyprian's Protestant Episcopal Church	T. Nelson Williams	500.00
The Mavis Holyfield-Jones	Franzetta Trapp	250.00
Scholarship		
Union of Black Episcopalians	Dennis C. Bethel	35.00
Velma McEwen Strode Scholarship	Dennis C. Bethel	250.00
The Catherine B. Hughes Waddell	Selena Dotson	1,000.00
The Rev. Dr. Herbert C. Banks	Franzetta Trapp	100.00
Memorial Award		
The Episcopal Churchwomen — Church of the	Dennis C. Bethel	221.00
Transfiguration		
The Rachel J. Upchurch Memorial	Gladys Mabuse	50.00
The Rev. Robert J. & Anna B. Johnson	Veronica Graves	100.00
Memorial Scholarship		
In Memory of Dorothy MacBelton	Gladys MaBuse	15.00
The Ida Mae Williams Knight Award	Gladys MaBuse	15.00
The Manson O. Jones Memorial	Gladys MaBuse	30.00
Raleigh Chapter, St. Augustine's College	Jacqueline M. Copeland	500.00
Alumni Association		
Harris Wholesale, Inc. Scholarship	Bruce Wade Kendrick	1,000.00
Mu Phi Chapter, Omega Psi Phi Fraternity	Brian E. Ellman	500.00
Greenville, S. C.		
Cutchin-Spann Music Award	Kim Ellis	100.00
The Prezell R. Robinson Endowed	Kenneth B. Darty	400.00
Scholarship Fund in honor of his parents, Mr. & Mrs. Clarence Robinson		

STUDENT LIFE AND SERVICES

COLLEGE ACTIVITIES AND STUDENT LIFE

The college seeks to fulfill its purpose of providing an environment for learning and to promote those activities for developing students into healthy, well-balanced personalities, useful persons, clear and accurate thinkers, and effective leaders in the communities to which they go through the following Student Organizations and Activities.

STUDENT ORGANIZATIONS THE CANTERBURY CLUB

The Canterbury Club and the Lay Readers Group are organizations open to all students. These organizations serve to enhance the total development of the participants.

Saint Augustine's is a Church-related college. As specified in the College Calendar of Events and through other media, regular attendance at daily and Sunday worship services is encouraged.

HOUSING

Comfortable living accommodations are provided students through campus residence halls, and auxiliary housing units in the North Campus Apartments near the campus. Each residence hall is supervised by a resident dormitory counselor; each apartment operates under the direction of a superintendent. Students may reserve dormitory rooms or rooms in auxiliary housing living units through the Office of Student Affairs. Applications should be made early in the Spring Term. Students provide their linen for beds and personal use. Boarding students are required to take their meals in the college dining hall. As a rule, the college does not separate room and board charges.

Women students live in Latham, Goold, Baker, Delaney, and Hermitage halls. Men enrolled at the college live in Atkinson and Lynch Halls. Auxiliary housing living units are available for men or women, though individual living units are either all-male or all-female.

STUDENT CLUBS

Concert Band	Debating Club
Dramatics Club	Music Guild
The Falcon Club	National Association of Black
Pep Squad	Accountants
Choral Club	Photography Club
Student National Education	The PEM Club
Association	

CLUBS IN THE FOLLOWING ACADEMIC AREAS

Art
Biology
Chemistry
French
German
History
Psychology

Teacher Education
Music
Mathematics
Physical Education
Sociology
Phi Beta Lambda (Business)
Student NEA

HONOR SOCIETIES

Alpha Kappa Mu
Sigma Rho Sigma
Beta Kappa Chi
Eta Xi
Pi Delta Phi National
Kappa Delta Pi

Phi Kappa Alpha
Alpha Kappa Delta
Sigma Tau Delta
Delta Mu Delta
Pi Delta Phi National
French Honor Society
Phi Alpha Theta

GREEK LETTER ORGANIZATIONS

Alpha Kappa Alpha
Alpha Phi Alpha
Delta Sigma Theta
Kappa Alpha Psi

Omega Psi Phi
Phi Beta Sigma
Sigma Gamma Rho
Zeta Phi Beta

SERVICE GREEK LETTER ORGANIZATIONS

Gamma Sigma Sigma Service Sorority
Alpha Phi Omega National Service
Fraternity

Nu Gamma Alpha
Eta Phi Beta Sorority

SOCIAL FELLOWSHIP ORGANIZATIONS

Groove Phi Groove Social
Fellowship
Swing Phi Swing Social Fellowship
Nu Gamma Mchumba, Inc.

Wine Psi Phi, Inc.
Nine Phi Nine Fraternity

GOVERNING BODIES

Student Government Association
Inter-Greek Council
Social Fellowship Council
Inter-Dormitory Council

CONVOCATIONS

There is a great value to be derived from the assemblies and regularly scheduled programs of the college. These exercises are vital parts of one's college experience and are an integral part of the educational program of the institution.

The college encourages attendance at these events which are designed to enhance the growth and development of the student.

ATHLETICS

Extramural and intramural athletics are promoted and are a part of the program in the Health and Physical Education Department. Appropriate awards are made to outstanding persons who qualify for the various teams. The college holds membership in the CIAA, NCAA and the NAIA athletic associations. In addition, the college sponsors eleven intercollegiate sports as a part of its athletic program. These sports include baseball, basketball, track, golf, tennis, fencing, softball and volleyball.

PUBLICATIONS

The Pen, the official student newspaper on the campus, is produced by the students, and is supervised by the Publications Board, which consists of faculty-staff and student members.

The Falcon, the annual of Saint Augustine's College, is a yearly yearbook that chronicles the events of the year in the life of the college through pictures and text. It is a student publication under the direction of its editor. The Publications Board supervises the yearbook.

SERVICES IN FRESHMAN ORIENTATION AND GUIDANCE

All students of the college will receive counseling and guidance services. These services will be provided as a cooperative endeavor of a Guidance and Evaluation Committee to the college department of personnel and the several academic departments. The Vice President for Academic Affairs, or the Registrar, through the registration process, automatically places each student admitted for the first time in the department of the student's intended field of specialization; after the student confirms declaration of a major or field specialization, he/she becomes an advisee of the department head.

Although the social guidance is largely the responsibility of the Assistant to the Vice President for Administration in charge of student services and the student personnel staff (including the various dormitory counselors and matrons), educational and vocational guidance, insofar as it pertains to new students, is the responsibility of the various department heads in cooperation with the Guidance and Evaluation Committee, and the Vice President for Academic Affairs.

COUNSELING CENTER SERVICES

The purpose of the Counseling Center is to assist students in realizing their academic potential and in paving the way for students to achieve the highest possible level of personal development while at Saint Augustine's College.

Services are, therefore, provided in the following areas:

EDUCATIONAL AND ACADEMIC COUNSELING

Educational Counseling provides the student with assistance in building excellent study skills and study habits. Individual instruction is provided in time

management, textbook reading, term-paper writing, test-taking, and classroom participation.

The center provides students assistance in analyzing the college transcript, computing the grade point index, and increasing the grade point average.

ACADEMIC ADVISEMENT

Academic concerns related to course planning, academic majors, or degree requirements are usually handled by the student's faculty advisor. Services are, however, provided to the student in choosing a major, in course planning, or by answering questions concerning general college requirements.

VOCATIONAL COUNSELING

Assistance is provided to the student in deciding career goals. In some cases, in order to give the student tools for making sound career decisions, tests and inventories are used to help the student gain a greater insight into his/her interests and aptitudes. The career library is an important aspect in career decision making. It offers information concerning employment and graduate school opportunities in many areas.

PERSONAL COUNSELING

The counseling center is particularly helpful to and concerned with the student who may be experiencing difficulties in some part of his/her life. These difficulties may include such things as what causes a person to worry, to become emotionally upset, or to feel lonely or isolated. In most cases the center will become actively involved in helping to eliminate these difficulties or problems.

For additional information, a student may telephone 828-4451, ext. 228 or come to the office in the Hunter Bldg. Room 207.

OBJECTIVES AND SCOPE OF FRESHMAN ORIENTATION AND GUIDANCE

The major purpose of Freshman Orientation, as such, is to get the new student (regardless of classification) started effectively in an educational program at Saint Augustine's College. This means the pursuit of a general college program while also considering the course of specialization in a specific department leading towards graduation. The objectives of this program are:

1. To acquaint the freshman or transfer student with the academic program and other essential facts about Saint Augustine's College.
2. To provide educational and vocational guidance for freshmen, sophomores, and transfer students.

All freshman and transfer students (regardless of classification) are required to matriculate for one semester in the orientation course (Education III **Freshman Orientation**). It is mandatory that the student enroll in this course at **first** registration at Saint Augustine's College. Each student is expected to complete a self analysis, an experience in solving some problems of the campus, make some indication of his/her vocational goal, and devote some time to the study of human relations in the academic community.

GUIDANCE AND EVALUATION IN TEACHER EDUCATION

The objectives of this program are:

- 1) To provide guidance and consistent evaluation of the teacher education candidate.
- 2) To provide placement and follow-up services for the teacher education graduate of Saint Augustine's College.

The first objective involves three agencies of the college: (a) the Department of Education; (b) the Interdepartmental Teacher Education Committee, composed of representatives of all departments which prepare teachers in the college; and (c) the Guidance and Testing Services of the Personnel Department, which includes the college Counselors and the Guidance and Evaluation Committee. At the completion of the freshman year, students who identify themselves as teacher education candidates will register and enroll in Education 233 — **Foundations of Education** — which is in the Department of Education (see that section of the Catalogue for further explanation). Those who successfully complete the course and meet the scholastic average ("C" or better) and personality requirements are approved by the Interdepartmental Teacher Education Committee. The personality testing and counseling are also done in the Education 233 course with the cooperation of the Instructor of the course and the Guidance and Testing Services of the college.

The second objective involves a cooperation between the Department of Education and the Placement Services of the Personnel Department. Graduates and prospective graduates who have satisfied or are satisfying the requirements of the State Department of Public Instruction will be assisted in securing a teaching position at the end of the first or second semester of the senior year. Applications for certification are filed during the period of student teaching with the Department of Education and processed through the Registrar's Office. Students who desire teaching positions should inform the Placement Service of their interest during the student teaching seminars which include the filing of placement data, securing of recommendations from Education faculty, and placement interviews with prospective employees.

STUDENT SERVICES UNDERGRADUATE RECORD EXAMINATION

Saint Augustine's College participates in the Institutional Undergraduate Record Examination Testing Program sponsored through Educational Testing Service, Princeton, New Jersey. This examination must be taken during the junior year. A fee of \$5.50 will be charged for this examination.

GRADUATE RECORD EXAMINATION

Students who wish to take the Graduate Record Examination should make arrangements to take same during the early part of the senior year. The Guidance & Testing Center will have information on GRE Examination dates.

ENGLISH COMPREHENSIVE EXAMINATION

All juniors are required to take and pass the English Comprehensive Examination given during the first and second semesters of each school year. The

examination is open to all students who have completed 60 semester hours of work or above. Students who fail the examination are encouraged to audit a course in modern grammar or English Composition before taking the examination again.

COMPREHENSIVE SENIOR EXAMINATION

All prospective graduating seniors are required to take the oral and written parts of a Comprehensive Examination in their major areas during the first semester.

I. Nature and Composition of the Comprehensive Examination in the Major Field.

1. The written and oral parts of the examination will be composed of questions and/or test items prepared by the faculty of each department and be given to Seniors majoring in the respective departments.
2. The overall nature of the examination, the style of questions and test items and the use of questions and test items from standardized examination sources are left to the discretion of each department, with the proviso that examination questions and test items do not extend unreasonably beyond the area of the subjects required in the student's major program.

II. Determination of Passing Score

1. Each department, in consultation with the Vice President for Academic Affairs, will determine the passing score for its complete examination (oral and written).

III. Certification of Results of Examination

1. Each department head will certify to the Vice President for Academic Affairs and Registrar the results of the examination. Certification should be made not later than two weeks after the examination date. For each student who fails, the department head must recommend the nature of work that the student should complete prior to reexamination. Students who fail the examination twice may not take additional reexaminations unless recommended by the Review Board.

IV. Comprehensive Examination Review Board

1. A Comprehensive Examination Review Board, composed of the members of the Curriculum Council, will be established.
2. The Review Board will act on recommendations made by the various Department Heads relative to students who failed the examination. It will also make recommendations relative to those students who have failed the examination twice.

V. Dates of Examination

1. All students will take this examination during the first semester of the senior year. The written examination will be offered by each Department on a specified date. The oral examination should be given prior to the date of certification. Prospective graduates should take this examination before being admitted to candidacy for graduation.

SCHOLASTIC AND PERSONALITY REQUIREMENTS FOR STUDENT TEACHING

Once the teacher education candidate has been admitted to a program in teacher education, further screening is necessary to qualify him/her for student teaching, or professional laboratory experiences. The prospective student teacher should have met the following requirements by formal application during the second semester of the junior year or the first semester of the senior year, to qualify respectively for the first or second semester of the senior year:

- 1) A cumulative all-college average of 2.35 with no grades below "C" in his/her major and professional courses as certified by the Registrar.
- 2) Successful completion of Education 233 — **Foundations of Education**, including a satisfactory rating on an autobiography and on the three following tests:
 - a) Sixteen Personality Factor (16PF)
 - b) Kuder Preference Record (Vocational)
 - c) Allport-Vernon-Lindzey Study of Values
- 3) Certification by the department head that the candidate desires to teach and has met the basic requirements of the major field.
- 4) Approval by the Interdepartmental Teacher Education Committee and the Vice President for Academic Affairs.

REQUIRED INSTITUTIONAL TESTS

Name of Test	Test Date	Student Classification
Junior English Comprehensive	Sept. 25, 1982	Juniors
Comprehensive Senior Examination	Oct. 30, 1982	All Prospective Graduating Seniors
Undergraduate Record Examination	Dec. 4, 1982	All Prospective Graduating Seniors
Senior English Comprehensive Examination	Mar. 26, 1983	All Prospective Graduating Seniors

HEALTH

The college makes a special effort to safeguard the health of its students. The College Physician's Recommendations are followed in the handling of each individual case of illness. A Registered Nurse is employed by the college assisted by a Registered Practical Nurse. It is required that each student be given a thorough physical examination before entrance, and submit a certificate of good health. The student is subject to an examination by the college Physician, and the college will be guided by his recommendations. Since the health fee is a nominal sum, the college must charge the individual for extra medical services if needed.

HEALTH INSURANCE

The college maintains a health plan to cover all of its students for a reasonable charge. The premium for male and female students is included in the general fee.

STUDENT HANDBOOK

Each student is provided with a student handbook at the beginning of the academic year. This publication is especially helpful to first year students as it provides them with essential facts in good living at Saint Augustine's College along with the Constitution and By-laws for Student Government.

THE STUDENT UNION

The Student Union provides a source of recreational activities for all students. The purpose of the Union is to offer an educational program of out-of-class activities and provide for the personal, social and cultural development of the student through the wise use of leisure time.

DINING FACILITIES

Dining facilities are available for boarding and day students at moderate prices in the Dr. Martin Luther King, Jr. Student Union.

MOTOR VEHICLES

Students who are permitted to have cars on the campus must register them with the Dean of Students, and must display the decal.

INSTRUCTIONAL PROGRAM

Saint Augustine's is a liberal arts college. The Educational Program includes Teacher Education and Career Education. Saint Augustine's is concerned with the total development of the student's intellectual, social, emotional, aesthetic, and physical life. This development, when fully realized, results in an individual who is equipped for a life of leadership, service, and self-fulfillment.

DEGREES AWARDED

The academic program at Saint Augustine's College leads to two degrees: Bachelor of Arts and Bachelor of Science. These degrees are awarded in 30 different majors or areas of concentration.

MAJORS PROVIDED

For the Bachelor of Arts Degree:

- | | |
|--|-------------------------------------|
| 1. Art | 9. Political Science/
Pre-Law |
| 2. Early Childhood Education | 10. Psychology |
| 3. Elementary Education | 11. Social Studies |
| 4. English | 12. Sociology and Social
Welfare |
| 5. History and Government | 13. Urban Affairs |
| 6. Intermediate Education | |
| 7. Modern Foreign Languages
(French or Spanish) | |
| 8. Music | |

For the Bachelor of Science Degree:

- | | |
|-------------------------------------|----------------------------|
| 1. Accounting | 10. Industrial Mathematics |
| 2. Biology | 11. Management |
| 3. Business Administration | 12. Mathematics |
| 4. Business Education | 13. Medical Technology |
| 5. Chemistry | 14. Physics |
| 6. Criminal Justice | 15. Pre-Engineering |
| 7. Economics | 16. Pre-Medicine |
| 8. Health and Physical
Education | |
| 9. Industrial Hygiene
and Safety | |

Degree Program Objectives for Students

1. GRADUATE STUDY

Preparation for graduate study is met through the major which one chooses. A large percent of students continue their education in a graduate school.

2. PROFESSIONAL AND RESEARCH ACTIVITIES

The Educational Program prepares students for work in private industry, local, state, and federal services. Certificates are offered in secretarial science. See specific departments and their objectives.

RECIPROCITY WITH NORTH CAROLINA STATE UNIVERSITY AT RALEIGH AND OTHER RALEIGH COLLEGES

Through an agreement with North Carolina State University, Shaw, Meredith, Peace, and Saint Mary's Colleges, the students at Saint Augustine's College may take courses and pursue programs of study not offered at Saint Augustine's College. Students enrolled at Saint Augustine's who are interested in taking courses at other colleges should contact the Vice President for Academic Affairs. Students who are not certified as residents of North Carolina must pay any additional charge made by North Carolina State University that is above the normal charge for tuition.

SUMMER SCHOOL PROGRAM

A six-week Summer Session is conducted for regular students, in-service teachers and others interested in taking various courses. Application for admission to the Summer School should be filed on or before the last Friday in April.

A variety of courses are offered in the Summer Session and additional courses, over and above those listed in the summer school brochure may be offered if the demand warrants it. Applications for admission to the Summer School should be sent to the Director of Summer School, Office of the Vice President for Academic Affairs.

A cumulative maximum of 18 hours toward graduation may be taken at other approved institutions by any qualified student during the course of several summer sessions. Exceptions to this regulation may, however, be considered by the Academic Policy Committee which will deal with each case on its own merits.

Special programs in continuing education courses are offered usually during the evenings according to demands and in cooperation with local, state and federal agencies.

THE CURRICULA

ORGANIZATIONAL PATTERN

To provide a broad, balanced, integrated educational program, the curriculum is organized on a divisional basis. Related disciplines are identified with the appropriate division. The organizational pattern follows:

1. Division of Business

- a. Accounting
- b. Business Administration
- c. Business Education
- d. Economics
- e. Management

2. Division of Education

- a. Department of Education
- b. Department of Physical Education
- c. Courses in Psychology
- d. Elementary Education
- e. Early Childhood Education
- f. Intermediate Education

3. Division of Humanities

- a. Department of English
- b. Department of Communications
- c. Department of Foreign Languages
- d. Department of Music
- e. Department of Art
- f. Courses in Philosophy

4. Division of Natural Sciences

- a. Department of Biology
 - (1) Pre-medical Curriculum
 - (2) Medical Technology
- b. Department of Chemistry
- c. Department of Mathematics and Physics
- d. Industrial Mathematics Program
- e. Engineering, Dual Degree Program

5. Division of Social Sciences

- a. Department of History and Government
- b. Courses in Geography
- c. Department of Sociology and Social Welfare
- d. Criminal Justice
- e. Urban Affairs
- f. Political Science/Pre-Law
- g. Social Studies

These functional areas cut across traditional lines of departmental organization. Most departments offer programs preparing students for teaching but, in addition, each area offers the student the opportunity either to be prepared to follow a vocation other than teaching upon graduation from the college, or to pursue further training looking forward to such vocation. Provision is also made

for students who wish to continue studies in graduate school, majoring in the same subjects taken in undergraduate school.

MAJORS

The various curricula lead to the Bachelor of Arts and Bachelor of Science degrees. Eligibility for graduation requires a minimum of 120 semester hours and a grade point average of 2.0 (C). Each Department provides one or more majors or areas of concentration.

1. Majors for the Bachelor of Arts Degree:

SUBJECT	SEMESTER HOURS
Art	36
Early Childhood Education	45
Elementary Education	45
English	30
History and Government	30
Intermediate Education	45
Modern Foreign Languages (French or Spanish)	36
Music	42
Political Science/Pre-Law	30
Psychology	33
Social Studies	30
Sociology and Social Welfare	30
Urban Affairs	33

2. Majors for Bachelor of Science Degree:

SUBJECT	SEMESTER HOURS
Accounting	65
Biology	30
Business Administration	61
Business Education	62
Chemistry	32
Criminal Justice	30
Economics	48
Physical Education	40
Industrial Hygiene and Safety	88
Industrial Mathematics	40
Management	62
Mathematics	40
Medical Technology	36 ¹ / ₂
*Physics	50
*Pre-Engineering	39
Pre-Medicine	43

Note: For requirements for the B.A. in Elementary Education, see Department of Education.
 *Reciprocity with North Carolina State University and other Raleigh Colleges.

CORE CURRICULUM

The following basic studies constitute the core curriculum and are required for the bachelor's degree in all curricula:

SUBJECT AREAS	SEMESTER HOURS
Freshman Orientation	1½
Composition	6
Speech	2
World Civilization	6
Natural Science	6

DEVELOPMENTAL EDUCATION PROGRAM

Program 2 — For Students Needing Additional Enrichment in Reading and English Composition.

FIRST YEAR					
First Semester			Second Semester		
ENG131	English Composition	3	ENG 123	Reading	2
ENG 122	Reading	2	ENG 132	English Composition	3
EDUCA 111	Freshman Orientation	½	ENG 121	Speech	2
BIOL 131	**Biology	3	SOC 132	Introd. to Sociology	
MATH 130	*Fundamental Math.	3		or ECON 235 Principles	
HPE 100	Personal Hygiene	½		of Economics	3
			CHEM 131	Physical Science	3
			HIST 133	World Civilization	3
			HPE	Physical Education	½
	Total	12		Total	16½

*MATH 131-2 Algebra (3) for the student majoring in Mathematics whose entrance test results are above the cut-off point.

**The intended science major who makes a score above the cut-off point on the science entrance test may go directly into his/her major.

SUMMER FOLLOWING THE FRESHMAN YEAR

HIST 134	World Civilization	3
PSYCH 232	General Psychology	3
	Total	<u>6</u>

SECOND YEAR

First Semester			Second Semester		
ENG 221	Humanities	2	ENG 222	Humanities	2
HPE	Physical Education	½	HPE	Physical Education	½
Beginning requirements for Major, and/or allowed electives		12-14	Major, and/or allowed electives		12-14
Total		<u>14½-16½</u>	Total		<u>14½-16½</u>

THIRD YEAR

First Semester			Second Semester		
Major, and/or allowed electives		17	Major and/or allowed electives		17
Total		<u>17</u>	Total		<u>17</u>

FOURTH YEAR

First Semester			Second Semester		
Major, and/or allowed electives		17	PHIL 431	General Education: Origin of Beliefs or	
			PHIL 432	Ethics	3
			Major, and/or allowed electives		9-14
Total		<u>17</u>	Total		<u>12-17</u>

This allows the student a total of the following number of credit hours in the given categories:

General Education	45
Major Area	36-54
Electives or Concentration	<u>21-39</u>

ENRICHMENT PROGRAMS FOR DEVELOPMENTAL EDUCATION PROVISIONS AND OPPORTUNITIES FOR STUDENTS NEEDING HELP

The Special Programs offered by Saint Augustine's College include one designed specifically for entering freshmen, called the Differentiated Curricula, as well as a different one for students beyond the freshman level, called the Developmental Education Program.

BASIC PHILOSOPHY

Educational opportunity has granted success to some students, but the lack of it has caused many to be in need of special compensatory education.

The faculty and staff of Saint Augustine's College are prepared to meet the particular needs of individual students in the varied differentiated programs wherever these needs are identified. They afford the chance for the student to continue with the added help he/she needs educationally in order to continue in college.

The Differentiated Curricula Program receives the student as he/she is, provides services in areas of need, counseling, tutoring, development of reading skills, and other areas of specific need — under the guidance of teachers, counselors, fellow students. The level of work is brought up to the level of expected performance. At such time, he/she is placed in a regular curriculum of activity. The following formula is applied:

**DIAGNOSED NEED plus PROGRAMMED HELP equals
NORMAL PERFORMANCE**

BASES FOR THE SPECIAL PROGRAMS

As students differ, so do their needs. The major thrust of the Special Programs is to fill the needs of all students who are already in attendance at the college, or who will be accepted as freshman students.

SPECIFIC BASES — FOR WHOM IS PROGRAM DESIGNED?

The Differentiated Program is designed for entering freshmen whose academic records suggest the need for additional enrichment experiences.

The Developmental Education Program is designed for the sophomore, junior, and/or senior student of academic probationary status who needs the second chance for continuing pursuit of a college education.

MEANS OF IMPLEMENTING THE DIFFERENTIATED PROGRAM

The Differentiated Program will comprise three tracts to be referred to as Tract A, Tract B, and Tract C.

Freshman students will be identified and placed in the provided curriculum, each according to his/her special needs. Students whose academic records indicate that they have need for additional training in English and the communicative skills will be placed in Tract A.

Tract A. The student participating in Tract A is given the following considerations:

1. He or she will carry a minimum of 12½ semester-hour credits during the first semester of the freshman year.
2. He or she will receive semester-hour credits for all courses in which enrolled upon successful completion of those courses.
3. He or she will be relieved of courses that require much reading and verbal skills until he/she has become proficient in those areas.
4. He or she may attain the level of the regular student by the end of the first semester — or at the latest by the end of the first year.
5. He or she may continue the communication course into the second semester, receiving a grade of incomplete at the end of the first semester only if he/she has not acquired the desired level of proficiency in reading by the end of the first semester.

6. He or she may begin the World Civilization sequence either the first or second semester — depending on whether or not he/she needs the English 120 Communication course.
7. He or she may begin the foreign language sequence the first semester of his/her sophomore year.
8. He or she may begin the requirements for his/her major, professional education, and/or allowed electives the first semester of his/her sophomore year.
9. He or she may graduate in four years and one semester.
10. He or she may avoid undue risk of failure.
11. He or she may experience enrichment without stigma.
12. He or she may stem the education gap to successfully earning the Bachelor's degree in his/her area of major interest.

The freshman students whose records do not indicate the need for special additional enrichment will be placed on a regular curriculum referred to as Tract B.

Tract B. The student participating in Tract B will receive the following considerations:

1. He/she may take as many as 17 semester-hour credits.
2. He/she may take as few as 14 semester-hour credits and be considered a fulltime student.
3. He/she may participate in the unlimited cut system the first semester, provided that he/she has achieved a satisfactory academic average.
4. He/she may progress with normal or above chance for success.

Freshman students eligible for advanced placement, and other students with averages of 'B' or above may, with special permission, participate in the Tract C curriculum.

Tract C. The student participating in Tract C will receive the following considerations:

1. He/she may carry more than 17 semester-hour credits if such is:
 - a. Requested by him/her;
 - b. Recommended by his/her advisor;
 - c. Approved by the Vice President for Academic Affairs.
2. He/she may participate in the Honors Study Program.
3. He/she may participate in the Independent Study Program.
4. He/she may participate in the unlimited cut system.
5. He/she is not expected to fail.

DEVELOPMENTAL EDUCATION PROGRAM — SECOND CHANCE

Second Chance refers to the Developmental Education Program designed to raise the academic probationary student from that level of functioning to the acceptable standard. It offers the opportunity for the student to follow a special program geared to his/her ability, and, at the same time, provides for him/her either to continue the pursuit of a declared major area or to make a change to a major area for which he/she is better suited.

For Whom. Second Chance is offered for the sophomore or higher level student who specifies that he/she wishes to come into the program rather than be dropped for academic reasons.

PROVISION OF THE PROGRAM

The Program provides the following benefits and special privileges:

1. Faculty with special qualifications attuned to Developmental Education.
2. Counselors with the definite task orientation to student counseling needs and services.
3. Tutors for classroom services and dormitory availability.
4. Registration privileges for the programs.
5. Materials and techniques to facilitate learning.
6. Tendency toward individualized instruction.
7. Greater chance for success.

ADVISOR-ADVISEE RELATIONSHIP

The advisor will work closely with the chairman of the department in the student's major area of concentration to be sure that the advice he gives accomplishes the task in the correct sense. There should exist tridimensional bounds for student success, to wit.:

Method by which he/she enters. To enter the Second Chance Program, the academic probationary student must apply to be admitted to the program, at which time the student signs a pledge agreeing to follow the specific program designed to meet his/her individual needs.

Expectations. The expectations of the student entering the Developmental Education Program are that, in addition to the above pledge, he/she must meet the following requirements in order to raise his/her grade point average to acceptable level:

1. Required regular reporting to counselors.
2. Repeating of certain designated courses (i.e. courses which have been failed by the student).
3. Taking a reduced load as prescribed by the counselors.
4. Attending the tutorial program.
5. Following the regular cut system (the unlimited cut system does not apply).

At the end of each semester the student's academic performance will be reevaluated. Once the student attains a 'C' or higher grade point average, he/she no longer will be required to participate in the Developmental Program.

RECOMMENDED STUDY PROCEDURE

The study procedure is to be designed and prescribed by the counselors in cooperation with the faculty members, personnel staff, and tutors working in the program.

TUTORIAL PROGRAM

The Tutorial Program will prevail as planned by counselors both within classrooms and within dormitories. Students will be assigned to tutoring groups, or to special tutors.

ROLE OF THE COUNSELOR

The counselor's role is vital to the success of the Special Programs. He is an intricate part of the composite structure of the program. Both he and his counselee recognize this and know that the success of either is dependent upon that of the other.

DIVISION OF BUSINESS

MISSION

The organizational structure of Saint Augustine's College includes a Division of Business which offers seven major concentrations: Accounting, Business Administration, Business Education, Computer Science, Economics, Management, and Office Administration.

The primary purpose of the Division of Business is to provide a high-quality program of intellectual and professional education in business for young men and women who wish to achieve responsible positions in business and non-profit organizations, to enter education at the secondary level or above, to serve as executive secretaries, office managers, etc., to pursue graduate studies, and to provide a continuing service to business, government and non-profit organizations in the nation.

Objectives

The major objectives of the Division of Business are to:

1. Prepare students for careers in the general field of business, industrial management, accounting, and computer science;
2. Teach basic principles of management and help students to acquire the skills needed for ownership and other positions related to the managerial capacity and community needs;
3. Encourage majors to become managers and business executives;
4. Offer courses that prepare students to teach business and secretarial science and serve as administrative assistants;
5. Provide a foundation for graduate studies.

Accounting

Students are required to take 33 hours of accounting. These courses prepare them to obtain various accounting positions with private industry or to join the government as Tax Revenue Agents and Government Accountants. Students who complete more than 24 hours of accounting are not required to take the Civil Service Examination in order to secure employment with the government.

This area of concentration is designed to:

1. Train students to become professional accountants.
2. Prepare them to become Certified Public Accountants.

Business Administration

The Business Administration Program gives the students concentrated business training for active participation in the business field as administrators, accountants, financiers, or supervisors in government or private industry. The program is designed to:

1. Increase the students' knowledge of business operations.

2. Develop the students' ability to make a scientific approach to the solution of business problems.

Business Education

The Business Education Curriculum is offered for those students who intend to enter education in the secondary level or above in the area of business. However, the versatility of training offered enables these students to become proficient in secretarial skills.

Computer Science

The concentration in Computer Science is designed for the student who is interested in gaining a firm foundation in computing concepts and programming. The program enlarges the student's education in areas of computer hardware, software, telecommunications data, base management, simulation, and information systems.

The curriculum is designed to provide graduates with the technical skills and knowledges necessary to function in a wide variety of positions in business and industry. Computer programming and systems engineering skills are emphasized.

The program provides an opportunity for all students in the Division of Business to become knowledgeable agents of change as capable, creative, and responsible citizens of independence and integrity. All majors are required to complete one course in Computer Science.

Economics

The Economics Curriculum is designed for the student who is desirous of becoming an economic analyst in a government labor department or a business firm, in many local, state, national, and international firms, and in investment programs.

Management

The Management Science Program is designed for students who intend to seek executive positions in business and government. Efforts are made to train them to approach management in an analytical manner. Majors are taught how to establish sound decision-making processes in business enterprises and government agencies.

Office Administration

The Office Management Curriculum is designed to develop personnel for managerial level service roles as office executives and administrative secretaries in business, education, government, industry, and other areas.

SPECIAL NOTES AND REQUIREMENTS

All courses that are outlined under the specific program are requirements for the designated curriculum; namely, Accounting, Business Administration, Business Education, Computer Science, Economics, Management, and Office Administration.

Business majors are required to attend all departmental programs, forums, and activities. Memberships in Phi Beta Lambda, Business Education Club, Society of Advancement for Management, and National Association of Black Accountants are highly recommended.

Delta Mu Delta is listed among national honor societies. Junior standing and a cumulative average of 3.2 are required.

Business Education majors wishing to receive field experience through student teaching are required to have at least a "C+" average in the skill courses.

Students who have had one or more years of formal instruction in typewriting will be exempted from Typewriting 241 based upon an acceptable performance on an achievement test administered during the second semester of the freshman year. Elementary typewriting is required of all Business Education students, but it is optional for all other business majors. The required hours must be completed.

The following courses are required core courses for all majors: Fundamentals of Math 130; Introduction to Business 132; Economics 235-236; Business Communications 223; Accounting 231-232; Mathematical Analysis for Business Decisions 161; Principles of Management 252; and Introduction to Computers 201.

In all elective courses taken in the Division of Business, students must make a minimum of a "C" grade.

DIVISION OF BUSINESS

General Education Requirements

Requirements of Majors of Business Education, Business Administration, Accounting, Management, Computer Science, and Economics

Course Number		Descriptive Title	Credit Hours
ENG	122-123	Reading	4
ENG	131	English Composition	3
ENG	132	English Composition	3
ENG	221	Humanities	2
ENG	222	Humanities	2
ENG	121	Speech	2
HIST	133	World Civilization	3
HIST	134	World Civilization	3
EDUCA	111	Freshman Orientation	1½
PE	100	Personal Hygiene	½
PE	104,105,106	Physical Education	1½
BIOL	131	Fundamentals of Biology	3
CHEM	131	Fundamentals of Physical Science	3
PHIL	431	General Education: Origin of Beliefs	
		(or)	
PHIL	432	Ethics	3
MATH	130	Mathematics	3
PSYCH	232	General Psychology	3
*SOC	132	Intro. to Sociology	3
Total			42½

All majors in the Division of Business will be awarded the Bachelor of Science degree. (Approved by the Board of Trustees, Spring, 1976.)

*Not required of Business Education Majors.

MAJOR IN ACCOUNTING

Course Number		Descriptive Title	Credit Hours
BUS	132	Introduction to Business	3
BUS	161	Mathematical Analysis for Business Decision	3
BUS	223	Business Communication	2
BUS	231	Principles of Accounting	3
BUS	232	Principles of Accounting	3
ECON	235	Principles of Economics	3
ECON	236	Principles of Economics	3
BUS	333	Income Tax Accounting	3
BUS	325	Intermediate Accounting	3
BUS	326	Intermediate Accounting	3
BUS	336	Cost Accounting	3
CSC	201	Introduction to Computers (BASIC)	3
BUS	338	Business Law	3
BUS	339	Business Machines	2
BUS	350	Business and Corporate Finance	3
BUS	435	Office Internship	3
ECON	436	Money and Banking	3
BUS	441	Advanced Accounting	3
BUS	442	Advanced Accounting	3
BUS	443	CPA Review	3
BUS	446	Business Statistics	3
BUS	471	Auditing	3
BUS	444	Municipal and Governmental Accounting	3
Total			67

MAJOR IN BUSINESS ADMINISTRATION (General)

Course Number		Descriptive Title	Credit Hours
BUS	132	Introduction to Business	3
BUS	161	Mathematical Analysis for Business Decisions	3
BUS	231	Principles of Accounting	3
BUS	223	Business Communications	2
BUS	232	Principles of Accounting	3
ECON	235	Principles of Economics	3
ECON	236	Principles of Economics	3
BUS	251	Principles of Marketing	3
BUS	333	Income Tax Accounting	3
BUS	325	Intermediate Accounting	3
BUS	326	Intermediate Accounting	3
BUS	336	Cost Accounting	3

MAJOR IN
COMPUTER SCIENCE

Course Number	Descriptive Title	Credit Hours
BUS 231	Introduction to Business	3
CSC 201	Introduction to Computers (BASIC)	3
MATH 131	College Algebra	3
MATH 132	Analytic Geometry	3
MATH 133	Trigonometry	3
CSC 202	Introduction to PL/1 Language	3
CSC 301	Principles of Programming (FORTRAN)	3
CSC 302	Principles of Programming (COBOL)	3
CSC 303	Assembly Languages 1, 11, 111	3
CSC 304	Programming Systems	3
CSC 401	Management Information Systems, eg. PERT, etc.	3
CSC 402	System Analysis	3
BUS 231	Principles of Accounting	3
BUS 232	Principles of Accounting	3
ECON 235	Principles of Economics	3
ECON 236	Principles of Economics	3
BUS 252	Principles of Management	3
BUS 338	Business Law	3
BUS 351	Business and Corporate Finance	3
BUS 336	Cost Accounting	3
BUS 451	International Business	3
BUS 446	Business Statistics	3
BUS 445	Personnel Management	3
BUS 452	Human Behavior	3
BUS 454	Business Policy	3
MATH 231	Calculus 1	3
Total		<u>78</u>

MAJOR IN
COMPUTER SCIENCE

Course Number		Descriptive Title	Credit Hours
BUS	231	Introduction to Business	3
CSC	201	Introduction to Computers (BASIC)	3
MATH	131	College Algebra	3
MATH	132	Analytic Geometry	3
MATH	133	Trigonometry	3
CSC	202	Introduction to PL/1 Language	3
CSC	301	Principles of Programming (FORTRAN)	3
CSC	302	Principles of Programming (COBOL)	3
CSC	303	Assembly Languages 1, 11, 111	3
CSC	304	Programming Systems	3
CSC	401	Management Information Systems, eg. PERT, etc.	3
CSC	402	System Analysis	3
BUS	231	Principles of Accounting	3
BUS	232	Principles of Accounting	3
ECON	235	Principles of Economics	3
ECON	236	Principles of Economics	3
BUS	252	Principles of Management	3
BUS	338	Business Law	3
BUS	351	Business and Corporate Finance	3
BUS	336	Cost Accounting	3
BUS	451	International Business	3
BUS	446	Business Statistics	3
BUS	445	Personnel Management	3
BUS	452	Human Behavior	3
BUS	454	Business Policy	3
MATH	231	Calculus 1	3
Total			78

MAJOR IN
ECONOMICS

Course Number		Descriptive Title	Credit Hours
BUS	231	Principles of Accounting	3
BUS	232	Principles of Accounting	3
ECON	235-236	Principles of Economics	6
BUS	223	Business Communications	2
ECON	331	Intermediate Microeconomic Theory	3
ECON	332	Intermediate Macroeconomic Theory	3
CSC	201	Introduction to Computers	3
BUS	446	Business Statistics	3
BUS	251	Principles of Marketing	3
ECON	333	Quantitative Methods	3
ECON	406	Urban Economics	3
ECON	436	Money and Banking	3
BUS	350	Business and Corporate Finance	3
ECON	435	Seminar on Current Economic Topics	3
ECON	452	International Economics	3
ECON	455	Transportation	3
ECON	461	Labor Management Relations	3
ECON		Economics Electives	<u>6</u>
		Total	59

MAJOR IN
MANAGEMENT

Course Number		Descriptive Title	Credit Hours
BUS	132	Introduction to Business	3
BUS	161	Mathematical Analysis for Business Decisions	3
BUS	223	Business Communications	2
BUS	231	Principles of Accounting	3
BUS	232	Principles of Accounting	3
ECON	235	Principles of Economics	3
ECON	236	Principles of Economics	3
BUS	251	Principles of Management	3
BUS	261	Mathematical Analysis for Business Decisions	3
BUS	333	Income Tax Accounting	3
BUS	336	Cost Accounting	3
CSC	201	Introduction to Computers	3
BUS	338	Business Law	3
BUS	350	Business and Corporate Finance	3
BUS	363	Production Management	3
ECON	436	Money and Banking	3
BUS	446	Business Statistics	3
BUS	451	International Business	3
BUS	452	Human Behavior	3
BUS	454	Business Policy	3
ECON	461	Labor Management Relations	3
BUS	445	Personnel Management	3

BUS	435	Office Internship	<u>3</u>
Total			68

MAJOR IN
OFFICE ADMINISTRATION

Course Number		Descriptive Title	Credit Hours
BUS	132	Introduction to Business	3
BUS	161	Math Analysis for Business Decisions	3
BUS	231	Principles of Accounting	3
BUS	232	Principles of Accounting	3
BUS	233	Elementary Shorthand	3
BUS	234	Elementary Shorthand	3
BUS	339	Business Machines	2
BUS	241	Elementary Typing	2
BUS	242	Elementary Typing	2
BUS	235	Principles of Economics	3
BUS	236	Principles of Economics	3
BUS	223	Business Communications	2
BUS	242	Intermediate Typing	2
BUS	331	Advanced Shorthand	3
BUS	332	Advanced Shorthand	3
BUS	252	Principles of Management	3
BUS	325	Intermediate Accounting	3
BUS	333	Income Tax Accounting	3
BUS	434	Secretarial Practice	3
CSC	201	Introduction to Computers	3
BUS	445	Personnel Management	3
BUS	338	Business Law	3
BUS	433	Office Organization and Management	3
BUS	435	Office Internship	3
BUS	436	Money and Banking	3
BUS	452	Human Behavior	<u>3</u>
Total			73

**ACCOUNTING
First Year
DESCRIPTIVE TITLE**

First Semester			Second Semester		
ENG 131	English Composition	3	ENG 132	English Composition	3
ENG 122	Reading	2	ENG 123	Reading	2
HIST 133	World Civilization	3	HIST 134	World Civilization	3
MATH 130	Fund. of Math	3	ENG 121	Speech	2
BUS 132	Intro. to Business	3	CHEM 131	Fund. of Phy. Science	3
BIOL 131	Fund. of Biology	3	BUS 161	Mathematical Analysis for Business Decisions	3
EDUCA 111	Freshman Orientation	½	PE	Physical Education	½
PE 100	Personal Hygiene	½			
	Total	18		Total	16½

Second Year

BUS 231	Prin. of Accounting	3	BUS 232	Prin. of Accounting	3
ECON 235	Prin. of Economics	3	ECON 236	Prin. of Economics	3
ENG 221	Humanities	2	ENG 222	Humanities	2
PE	Physical Education	½	PE	Physical Education	½
ENG 224	Modern Grammar	2	BUS 223	Bus. Communications	2
SOC 132	Intro. to Sociology	3	PSYCH 232	Gen. Psychology	3
ELECTIVES	(Open)	3	ELECTIVES	(Open)	3
	Total	16½		Total	16½

Third Year

BUS 325	Inter. Accounting	3	BUS 326	Inter. Accounting	3
BUS 339	Business Machines	2	BUS 333	Income Tax Accounting	3
BUS 336	Cost Accounting	3	BUS 350	Business and Corporate Finance	3
GOVT 332	American Government	3	BUS 446	Business Statistics	3
BUS 252	Prin. of Management	3	CSC 201	Intro. to Computers	3
	Total	14		Total	15

Fourth Year

BUS 435	Office Internship	3	BUS 443	CPA Review	3
BUS 338	Business Law	3	BUS 444	Municipal and Governmental Accounting	3
BUS 441	Advanced Accounting	3	BUS 442	Advanced Accounting	3
ECON 436	Money and Banking	3	BUS 471	Auditing	3
	Elective (Related)	3	PHIL 431	General Education: Origins of Beliefs or Ethics	3
	Total	15		Total	15

**MAJORS IN
BUSINESS ADMINISTRATION
First Year
DESCRIPTIVE TITLE**

First Semester			Second Semester		
ENG 131	English Composition	3	ENG 132	English Composition	3
HIST 133	World Civilization	3	HIST 134	World Civilization	3
BIO 131	Fund. of Biology	3	CHEM 131	Fund. of Phy. Science	3
MATH 130	Fund. of Math	3	BUS 161	Mathematical Analysis for Business Decisions	3
EDUCA 111	Freshman Orientation	½	SOC 132	Intro. to Sociology	3
BUS 132	Intro. to Business	3	ENG 123	Reading	2
ENG 122	Reading	2	PE	Physical Education	½
PE 100	Personal Hygiene	½			
	Total	18		Total	17½

			Second Year		
BUS 231	Prin. of Accounting	3	BUS 232	Prin. of Accounting	3
ECON 235	Prin. of Economics	3	ECON 236	Prin. of Economics	3
ECON 235	Prin. of Economics	3	ECON 236	Prin. of Economics	3
PE	Physical Education	½	PE	Physical Education	½
ENG 221	Humanities	2	ENG 222	Humanities	2
ENG 224	Modern Grammar	3	BUS 223	Bus. Communications	2
ENG 121	Speech	2	PSYCH 232	General Psychology	3
BUS 252	Prin. of Management	3	ELECTIVE	(Open)	3
	Total	16½		Total	16½

Third Year					
BUS 325	Inter. Accounting	3	BUS 326	Inter. Accounting	3
BUS 251	Prin. of Marketing	3	BUS 333	Income Tax Accounting	3
BUS 336	Business Law	3	BUS 350	Business and Corporate	
GOVT 332	American Government	3	BUS 446	Business Statistics	3
BUS 339	Business Machines	2		Finance	3
			CSC 201	Intro. to Computers	3
	Total	14		Total	15

Fourth Year					
BUS 453	Risk Management	3	PHIL 431	General Education: Origin of Beliefs or	
BUS 336	Cost Accounting	3			
BUS 445	Personnel Management	3	PHIL 432	Ethics	3
ECON 436	Money and Banking	3	BUS 452	Human Behavior	3
ELECTIVE	(Open)	3	ECON 461	Labor Management	3
			BUS 435	Office Internship	3
	Total	15		Total	12

BUSINESS EDUCATION

First Year

DESCRIPTIVE TITLE

First Semester			Second Semester		
ENG 131	English Composition	3	ENG 132	English Composition	3
HIST 133	World Civilization		HIST 134	World Civilization	3
BIO 131	Fund. of Biology	3	CHEM 131	Fund. of Physical Science	3
EDUCA 111	Freshman Orientation	½	BUS 161	Mathematical Analysis for Business Decisions	3
BUS 132	Intro. to Business	3	ENG 121	Speech	2
MATH 130	Fund. of Mathematics	3	ENG 123	Reading	2
ENG 122	Reading	2	PE 102	Physical Education	½
PE 101	Physical Education	½	Total		16½
Total		18			

Second Year

ENG 221	Humanities	2	ENG 222	Humanities	2
BUS 231	Prin. of Accounting		BUS 223	Business Communications	2
		3	BUS 232	Prin. of Accounting	3
BUS 241	Elem. Typing	2	BUS 234	Elem. Shorthand	3
BUS 233	Elem. Shorthand	3	BUS 232	Elem. Typing	2
PSYCH 232	Gen. Psychology	3	BUS 236	Prin. of Economics	3
BUS 235	Prin. of Economics	3	EDUCA 233	Foundations of Education	2
PE 201	Physical Education	½	PE 202	Physical Education	½
Total		16½	Total		17½

			Third Year		
BUS 341	Advanced Typing	2	BUS 332	Advanced Shorthand	3
BUS 331	Advanced Shorthand	3	BUS 344	Prin. of Business Educa.	3
PSYCH 321	Educa. Psychology	3	ENG 224	Modern Grammar	3
EDUCA 331	Prin. of Secondary Educa.	3	BUS 434	Secretarial Practice	3
EDUCA 233	Foundations of Reading Instruction	3	CSC 201	Intro. to Computers	3
BUS 252	Prin. of Management	3			
	Total	17		Total	15

Fourth Year				
EDUCA 342	The Teaching of Business Subjects	3	EDUCA 465 Seminar in Education	6
EDUCA 428	Educational Media	2	EDUCA 461 Directed Student Teaching	6
EDUCA 432	Tests and Measurements	3		
PSYCH 332	Psychology of Adolescence	3		
PHIL 431	General Education. Origins of Beliefs or Ethics	3		
BUS 435	Office Internship	3		
	Total	17	Total	12

*A placement test will be administered to students who have had one year or more of Typewriting and Shorthand to determine the course in which they should enroll. A copy of the student's placement test should be placed in his/her permanent departmental folder, and the approved hours for exemption must be completed in other business courses.

BUSINESS EDUCATION Required Professional Education

Course Number	Descriptive Title	Credit Hours
EDUCA 233	Foundations of Education	3
EDUCA 432	Tests and Measurements	3
PSYCH 321	Educational Psychology	3
EDUCA 331	Principles of Secondary Education	3
EDUCA 428	Educational Media	2
EDUCA 223	Foundations of Reading Instructions	3
PSYCH 332	Psychology of Adolescence	3
EDUCA 461	Directed Student Teaching	6
EDUCA 342	The Teaching of Business Subjects	3
Total		29

**MAJOR IN
COMPUTER SCIENCE
First Year
DESCRIPTIVE TITLE**

First Semester			Second Semester		
ENG 122	Reading	2	ENG 123	Reading	2
MATH 131	College Algebra	3	MATH 133	Trigonometry	3
ENG 131	English Composition	3	ENG 132	English Composition	3
BIO 131	Fund. of Biology	3	CHEM 131	Fund. of Phy. Science	3
HIST 133	World Civilization	3	HIST 134	World Civilization	3
EDUCA 111	Freshman Orientation	½	ENG 121	Speech	2
PE 100	Personal Hygiene	½	PE	Physical Education	½
	Total	15		Total	16½

Second Year

MATH 132	Analytic Geometry	3	MATH 231	Calculus I	3
BUS 132	Intro. to Business	3	BUS 223	Bus. Communications	2
BUS 231	Prin. of Accounting	3	BUS 232	Prin. of Accounting	3
CSC 201	Intro. to Computers and Orientation (BASIC)	3	CSC 202	Intro. to PL/1-Language	3
BUS 235	Prin. of Economics	3	ENG 221	Humanities	2
PE	Physical Education	½	BUS 236	Prin. of Economics	3
	Total	15½		Total	16½

Third Year

ENG 222	Humanities	2	HIST 332	American Government	3
CSC 301	Prin. of Programming- FORTRAN	3	BUS 252	Prin. of Management	3
BUS 336	Cost Accounting	3	CSC 303	Assembly Languages, I, II, and III	3
MATH 230	Intro. to Logics	3	CSC 304	Programming Systems	3
CSC 302	Prin. of Programmig- COBOL	3	PSYCH 232	General Psychology	3
BUS 338	Business Law	3	BUS 351	Business Finance	3
	Total	17		Total	18

Fourth Year

BUS 451	International Business	3	CSC 402	Systems Analysis	3
BUS 445	Personnel Mgt.	3	BUS 446	Business Statistics	3
CSC 401	Management Information Systems, e.g. PERT (Open)	3	BUS 454	Business Policy	3
			BUS 452	Human Behavior	3
			PHIL 432	Origin of Beliefs or Ethics	3
BUS 435	Office Internship	3			
	Total	15		Total	15

B.S. IN ECONOMICS**First Year****DESCRIPTIVE TITLE**

First Semester			Second Semester		
ENG 131	English Composition	3	ENG 132	English Composition	3
HIST 133	World Civilization	3	HIST 134	World Civilization	3
BIO 131	Fund. of Biology	3	CHEM 131	Fund. of Phy. Science	3
EDUCA 111	Freshman Orientation	½	PE	Physical Education	½
PE 100	Personal Hygiene	½	ENG 123	Reading	2
MATH 131	Algebra	3	MATH 133	Trigonometry	3
ENG 122	Reading	2	SOC 132	Intro. to Sociology	3
Total		17	Total		17½

Second Year

ENG 121	Speech	2	PSYCH 232	Gen. Psychology	3
ENG 221	Humanities	2	ENG 222	Humanities	2
BUS 231	Prin. of Accounting	3	BUS 232	Prin. of Accounting	3
ECON 235	Prin. of Economics	3	ECON 236	Prin. of Economics	3
BUS 261	Math Analysis for Business Decisions	3	BUS 223	Bus. Communications	2
PE	Physical Education	½	ELECTIVE	(Open)	3
ELECTIVE	(Open)	3	PE	Physical Education	½
Total		16½	Total		16½

Third Year

ECON 331	Inter Micro Theory	3	BUS 350	Bus. Corp. Finance	3
BUS 231	Prin. of Marketing	3	ECON 332	Inter Macro Theory	3
ECON 341	Econ. Electives	3	BUS 333	Quantitative Methods	3
POLSCI 131	American Government	3	BUS 446	Business Statistics	3
ECON 436	Money and Banking	3	CSC 201	Intro. to Computers	3
Total		15	Total		18

Fourth Year

BUS 406	Urban Economics	3	Seminar on Current Economics Topics		
Business Electives		6	Business Electives		
Economics Electives		6	PHIL 431	General Education: Origin of Beliefs or Ethics	3
			ELECTIVE	(Open)	3
Total		15	Total		18

MAJOR IN MANAGEMENT**First Year****DESCRIPTIVE TITLE**

First Semester			Second Semester		
MATH 130	Fund. of Mathematics	3	BUS 161	Mathematical Analysis for Business Decisions	3
ENG 131	English Composition	3	ENG 132	English Composition	3
HIST 133	World Civilization	3	HIST 134	World Civilization	3
BIO 131	Fund. of Biology	3	CHEM 131	Fund. of Phy. Science	3
BUS 132	Intro. to Business	3	PE	Physical Education	½
EDUCA 111	Freshman Orientation	½	ENG 121	Speech	2
ENG 122	Reading	2	ENG 123	Reading	2
PE 100	Personal Hygiene	½			
Total		18	Total		16½

Second Year					
BUS 231	Prin. of Accounting	3	BUS 232	Prin. of Accounting	3
ECON 235	Prin. of Economics	3	ECON 236	Prin. of Economics	3
ENG 221	Humanities	2	ENG 222	Humanities	2
BUS 261	Mathematical Analysis for Business Decisions	3	PSYCH 232	Gen. Psychology	3
PE	Physical Education	½	PE	Physical Education	½
BUS 252	Prin. of Management	3	GOVT 332	American Government	3
SOC 132	Intro. to Sociology	3	BUS 223	Business Communications	2
	Total	17½		Total	16½

Third Year					
CSC 201	Intro. to Computers	3	BUS 333	Income Tax Accounting	3
BUS 251	Prin. of Marketing	3	BUS 446	Business Statistics	3
BUS 336	Cost Accounting	3	BUS 350	Business and Corporate	
BUS 338	Business Law	3		Finance	3
ELECTIVE	(Related)	3	ELECTIVE	(Open)	3
BUS 363	Production Management	3	CSC 201	Intro. to Computers	3
	Total	18		Total	15

Fourth Year					
ECON 436	Money and Banking	3	BUS 452	Human Behavior	3
BUS 451	International Business	3	BUS 454	Business Policy	3
BUS 445	Personnel Management	3	ECON 461	Labor Mgt. Relations	3
ELECTIVES	(Related)	6	PHIL 431	General Education: Origin of Beliefs or	
			PHIL 432	Ethics	3
			BUS 435	Office Internship	3
	Total	15		Total	15

OFFICE ADMINISTRATION

First Year

DESCRIPTIVE TITLE

First Semester			Second Semester		
ENG 131	English Composition	3	ENG 132	English Composition	3
HIST 133	World Civilization	3	HIST 134	World Civilization	3
BIO 131	Fund. of Biology	3	CHEM 131	Fund. of Phy. Science	3
EDUCA 111	Freshman Orientation	½	ENG 121	Speech	2
BUS 132	Intro. to Business	3	MATH 131	Math Analysis for Business Decisions	3
BUS 130	Fund. of Mathematics	3	PE 104	Physical Education	½
PE	Physical Education	½	ENG 123	Reading	2
ENG 122	Reading	2		Total	16½
	Total	18			

Second Year					
ENG 221	Humanities	2	ENG 222	Humanities	2
PE 105	Physical Education	½	PE 106	Physical Education	½
BUS 231	Prin. of Accounting	3	BUS 232	Prin. of Accounting	3
*BUS 241	Elem. Typing	2	BUS 234	Elem. Shorthand	3
*BUS 233	Elem. Shorthand	3	BUS 242	Interm. Typing	2
PSYCH 232	Gen. Psychology	3	BUS 223	Bus. Communications	2
BUS 235	Prin. of Economics	3	BUS 236	Prin. of Economics	3
	Total	16½		Total	15½

			Third Year		
BUS 341	Advanced Typing	2	BUS 332	Advanced Shorthand	3
BUS 331	Advanced Shorthand	3	BUS 333	Income Tax Accounting	3
BUS 339	Business Machines	2	BUS 434	Secretarial Practice	3
SOC 132	Intro. to Sociology	3	ENG 224	Modern Grammar	3
BUS 252	Prin. of Management	3	CSC 201	Intro. to Computers	3
BUS 325	Inter Accounting	3			
	Total	16		Total	15
Fourth Year					
BUS 445	Personnel Management	3	BUS 433	Office Management	3
BUS 338	Business Law	3	BUS 435	Office Internship	3
HIST 332	American Government	3	BUS 436	Money and Banking	3
ELECTIVE	(Related)	3	PHIL 431	General Education:	
ELECTIVE	(Open)	3		Origin of Beliefs or	
			PHIL 431	Ethics	3
			ELECTIVE	(Open)	3
	Total	15		Total	15

COURSE DESCRIPTION

BUS 132. INTRODUCTION TO BUSINESS. This is a first course in general business and elementary economics planned primarily for freshmen who are prospective business majors. **(3) Fall and Spring.**

BUS 161. MATHEMATICAL ANALYSIS FOR BUSINESS DECISIONS. Introduction to elementary logic, fundamentals of set theory, combinational analysis, basic concepts of probability, descriptive statistics, linear equations, linear programming, and other basic topics which will prepare business majors for quantitative decisions in business. **Prerequisite: Math. 130 Fundamentals of Mathematics. (3) Spring.**

BUS 223. BUSINESS COMMUNICATIONS. This course consists of a brief review of the basic principles of English grammar, and a study of oral and written business communications, designed especially for business majors. **Prerequisite: Eng. 132 (2) Spring.**

BUS 231-232. PRINCIPLES OF ACCOUNTING. Fundamental accounting principles involving the theory of debits and credits as applied to operations of sole proprietorships, partnerships, and corporations. The composing and analysis, and interpretation of financial statements are stressed. **(3) Fall, (3) Spring.**

BUS 233-234. ELEMENTARY SHORTHAND. A beginner's course in the principles of Gregg Shorthand. On completion of the course the student is expected to take dictation at a minimum rate of 80 words per minute. **(3) Fall, (3) Spring.**

BUS 241-242. ELEMENTARY TYPEWRITING. A beginner's course of one year that should enable the student to use the typewriter for personal affairs and minor clerical jobs. On completion of the course, a minimum speed of 40 words per minute should have been attained. Non-business majors are given preference. Fee \$4.00 per semester. **(2) Fall, (2) Spring.**

BUS 251. PRINCIPLES OF MARKETING. A general survey of marketing to acquaint the student with the various marketing functions and the performance of these functions in our economy. **Prerequisite: Bus. 132. (3) Fall.**

BUS 252. PRINCIPLES OF MANAGEMENT. Analysis of the basic management, functions of planning, managing, and evaluating. **Prerequisite: Bus. 132. (3) Fall.**

BUS 261. MATHEMATICAL ANALYSIS FOR BUSINESS DECISIONS. This course essentially covers basic topics in calculus, linear and matrix algebra, graphs and statistics that are commonly used in making business decisions. **Prerequisite: Bus. 161. (3) Fall.**

BUS 331-332. ADVANCED SHORTHAND. This course is planned to train and develop students to take dictation and transcribe their notes at increased rates. On completion of the course the student is expected to take dictation at a minimum rate of 120 words per minute. **Prerequisites: Business 241-242. (3) Fall, (3) Spring.**

BUS 333. INCOME TAX ACCOUNTING. Designed to teach the students the procedure and techniques for preparing the required returns for individuals, partnerships, and corporations. **Prerequisites: Business 231-232. (3) Spring.**

BUS 325-326. INTERMEDIATE ACCOUNTING. A study of the accounting principles with regard to cash, receivables, inventories, plant assets, intangible assets, installment sales, and funds and reserves. **Prerequisites: Business 231-232. (3) Fall, (3) Spring.**

BUS 336. COST ACCOUNTING. An introductory course in cost theory and practice relative to managerial control. A thorough study of cost systems including job orders, process, and standards costs. Cost control is stressed. **Prerequisites: Math 130, Bus. 161, and Bus. 231-232. (3) Fall.**

CSC 201. INTRODUCTION TO COMPUTERS. A course to familiarize the management student with the computer as a business tool that can more efficiently do all that the human brain can do **except** originate any idea. **Prerequisites: Math 130, Business 161. (3) Fall and Spring.**

BUS 338. BUSINESS LAW. A study of legal principles of practices and procedures especially pertaining to the interests of the ordinary businessman and the average citizen and property-holder. **Prerequisite: Business 132. (3) Fall.**

BUS 339. BUSINESS MACHINES. An introductory course for the purpose of teaching and familiarizing the student with the operations of modern office machines and equipment. Fee, \$5.00. **Prerequisite: Business 161. (2) Fall.**

BUS 344. PRINCIPLES OF BUSINESS EDUCATION. Designed particularly for business education teachers. The course deals with the meaning, purpose and scope of the business education curriculum. Available for undergraduate and in-service teachers. **Prerequisite: Education 233. (3) Spring.**

BUS 341-342. ADVANCED TYPEWRITING. It is the aim of this course to train students in the practical applications of typewriting. On completion of the course a minimum speed of 60 words per minute should have been attained. Fee: \$4.00 per semester. **Prerequisites: Business 241-242. (2) Fall, (2) Spring.**

BUS 350. BUSINESS AND CORPORATE FINANCE. A study of the principles and practices of business financing, with particular attention given to the problems of corporations. The methods of raising permanent capital, the nature of the security markets, and the problems of current financing are examined. **Prerequisites: Business 231-232. (3) Spring.**

BUS 361. ADVERTISING. Examinations of the firm's personal marketing communications functions. Mass communications theories and concepts. A study of advertising and its relationship to the marketing program of the firm. **Prerequisite: Business 132. (3) Fall.**

BUS 363. PRODUCTION MANAGEMENT. This course develops students' ability to recognize, analyze, and solve typical problems in the management of production operations. **Prerequisites: Business 161 and Business 252. (3) Fall.**

BUS 434. SECRETARIAL PRACTICE. Terminal course in secretarial science designed to correlate previously acquired knowledge in skills-courses in the training of efficient secretaries, business personnel, and business teachers. Special emphasis is placed on the operation of modern business machines and word processing. **Prerequisite: Business 331. (3) Spring.**

BUS 435. OFFICE INTERNSHIP. An intern program that permits students to gain actual office experience in local institutions or business concerns. Not to be taken with student teaching. Fee \$17.50. **Prerequisite: Senior Classification. Fall and Spring.**

BUS 438. INVESTMENT ANALYSIS. Theory of investment value, fundamental security analysis and valuation of special types of securities. **Prerequisite: Business 350.**

BUS 441-442. ADVANCED ACCOUNTING. This is a one year course which deals with the advanced study of accounting principles and practices as applied in proprietorship, partnership, and corporate accounting. Emphasis is put on realization and liquidation, parent and subsidiary accounting, consolidated statements and supporting schedules, and accounting for mergers. **Prerequisites: Business 231-232. (3) Fall, (3) Spring.**

BUS 443. CPA REVIEW. Approaches of accounting theory and practice in solving problems confronting business management; approaches in general and specific techniques in preparing solutions for CPA examination problems. **Prerequisites: Business 231-232-334-335-441. (3) Spring.**

BUS 444. MUNICIPAL AND GOVERNMENTAL ACCOUNTING. Application of accounting within governmental organization, including fund allocations, disbursements, legal requirements, etc. **Prerequisites: 231-232-325-326. (3) Spring.**

BUS 445. PERSONNEL MANAGEMENT. Internal problems of business management of labor, administrative and staff personnel. Studies of job analysis, recruitment, selection, training, and job adjustment. Detailed disciplinary and dismissal policies. **Prerequisites: Business 132 and Business 252. (3) Fall.**

BUS 446. BUSINESS STATISTICS. Elementary theory of probability; frequency and density functions, expected values and variances, fundamental concepts of statistical inference. **Prerequisites: Business 161, 231 and 232. (3) Spring.**

BUS 451. INTERNATIONAL BUSINESS. The basic principles, organizational structures, and operational procedures of international finance, production, marketing, and personnel; the complexities of multi-national business organizations. **Prerequisites: Economics 235-236. (3) Fall.**

BUS 452. HUMAN BEHAVIOR. Human behavior in business as a generic class of organization within the social order. The relationship of the individual worker

and manager to the organizations, management from a behavioral point of view, stability and change within business organizations, an examination of human resource development from economic and business views; emphasis placed on recent research and developments related to on-the-job training, discrimination, and migration. **Prerequisites: Business 132 and 252, Psychology 232. (3) Spring.**

BUS 453. RISK MANAGEMENT. This course relates to the survey of backgrounds, principles, and practices of all forms of insurance. The five principal kinds of commercial insurance (fire, casualty, marine, life, and corporate suretyship) are emphasized. **Prerequisite: Business 252, Prin. of Management. (3)**

BUS 454. BUSINESS POLICY. Study of functions and responsibilities of general management, problems affecting character and success of total enterprise, molding of organizational character, definition of goals, and mobilization of resources for the attainment of goals. **Prerequisites: Business 251-350-362-363. (3) Spring.**

***EDUCA 342. TEACHING BUSINESS SUBJECTS.** See Education 461 and 462. Required of all business education majors who plan to teach.

BUS 433. OFFICE ORGANIZATION AND MANAGEMENT. A basic management course in which emphasis is placed upon the management of paperwork and reflecting the tremendous change and constant improvement which continue to characterize nearly every facet of office management. Major attention is devoted to training in word processing. **Prerequisites: Bus 252, Senior standing. (3) Spring.**

RELATED ECONOMICS COURSES

200 Series

ECON 235-236 Principles of Economics I and II

300 Series

ECON 331	Intermediate Microeconomic Theory
ECON 332	Intermediate Macroeconomic Theory
ECON 452	International Economics
ECON 355	History of Economic Thought
BUS 251	Principles of Marketing
BUS 350	Corporate Finance

400 Series

ECON 403	Comparative Economic Systems
ECON 406	Urban Economics
ECON 430	Economic Development
ECON 435	Current Economic Topics or Seminar
ECON 436	Money and Banking
ECON 437	Labor Problems
ECON 455	Transportation

ECONOMICS COURSES

ECON 235-236. PRINCIPLES OF ECONOMICS. Man's activity as an individual and as a member of society in seeking material welfare; production, consumption; our capitalistic system; markets and price determination. Emphasizing the economic problems of Afro-Americans. **(3) Fall, (3) Spring.**

ECON 331. INTERMEDIATE MICROECONOMIC THEORY. An extension and elaboration of elementary price and allocation theory with emphasis on techniques and methods of analysis. Business firm, cost and revenue, consumer behavior, marginal analysis, market demand and supply. Market structure and function. Factor markets. **Prerequisites: BUS 235-236. (3) Fall.**

ECON 332. INTERMEDIATE MACROECONOMICS THEORY. An extension and elaboration of elementary aggregate income and employment analysis; emphasis on the essential principles and concepts used in the determination of income and employment, the rate of economic growth, and the general price level. **Prerequisites: ECON 235-236. (3) Spring.**

ECON 436. MONEY AND BANKING. The principles of money, analysis and of the monetary systems and their operations, the role of credit in modern banking, the problem of gold, deposit and earning operations of banks, interbank relations, the Federal Reserve System, and contemporary money and banking problems in the U.S. **Prerequisites: ECON 235-236. (3) Fall.**

ECON 452. INTERNATIONAL ECONOMICS. A study of the major problems and processes of international specialization and trade; investment and monetary relations; international trade accounting; exchange rates; tariffs and other restrictions on trade. **Prerequisites: ECON 235-236. (3) Fall.**

ECON 355. HISTORY OF ECONOMIC THOUGHT. The growth and development of economic theory from Plato to John M. Keynes, including the mercantilist, classical, marginalist and Keynesian schools of thought. **Prerequisites: ECON 235-236. (3) Fall.**

ECON 403. COMPARATIVE ECONOMIC SYSTEMS. A comparative analysis of capitalism, socialism, communism, and fascism, as alternate forms of economic organization. Study and evaluation of these economic systems in dealing with fundamental economic problems, such as choices between goals, the allocation of resources, the maintenance of full and stable employment and production, capital accumulation, technological advancement, income distribution, and consumer welfare. **Prerequisite: BUS 332. (3) Fall.**

ECON 406. URBAN ECONOMICS. Economic analysis of urban growth, urban structure and current urban problems: location theory, transportation and housing policy, racial issues, and the provision of urban services. **(3) Fall or Spring.**

ECON 430. ECONOMIC DEVELOPMENT. The socioeconomic dynamics of poor areas; factors underlying economic progress of nations and geographic areas; analysis of resources, manufacturing and agricultural productivity, S & I trade, monetary and banking system, and fiscal system. **Prerequisites: ECON 235-236. (3) Fall or Spring.**

ECON 435. CURRENT ECONOMIC TOPICS. The application of economic techniques and analytical methods to not less than five current topics, which may vary from semester to semester, selected by instructor, for senior economics majors. **Prerequisites: ECON 235-236. (3) Spring.**

ECON 455. TRANSPORTATION. Emphasis is placed on the economic organization for functioning of the transporting industries. Impact on industrial locations, prices and markets. The nature of public policy in transportation. **Prerequisites: Economics 235-236. (3) Fall or Spring.**

ECON 461. LABOR MANAGEMENT RELATIONS. Capitalism and the status of labor, history of the labor movement, wage theory, wealth and income distribution, hours of work, unemployment and unemployment relief, aged workers, child labor, women in industry, labor organizations and government and labor. **Prerequisites: Economics 235-236. (3) Spring.**

CSC 201. INTRODUCTION TO COMPUTERS (BASIC). This course is designed to acquaint the student with the knowledge concerning computers, information processing and algorithms which is necessary to the understanding of programming languages. While no specific programming language is introduced in the course, the student will get an understanding of how to organize and execute programs in any language. **Prerequisite: Math 131. (3) Fall and Spring.**

CSC 202. INTRODUCTION TO PL/1 LANGUAGE. This course is designed to offer a complete presentation of the features and characteristics of PL/1. A general knowledge of information processing techniques and algorithms is assumed: Debugging and verification of program, computer solution of numerical and non-numerical problems using PL/1. **Prerequisite: Math 131. (3) Fall.**

CSC 301. PRINCIPLES OF PROGRAMMING (FORTRAN). This course is designed to offer a complete presentation of the features and characteristics of FORTRAN. A general knowledge of information processing techniques and algorithms is assumed, so that this course will deal specifically with the FORTRAN programming language and its underlying compiler. Debugging and verification programs. Problem solving using FORTRAN. **Prerequisite: CSC 201. (3) Fall.**

CSC 302. PRINCIPLES OF PROGRAMMING (COBOL). This course is designed to offer a complete presentation of the features and characteristics of COBOL. With primary objective of basic competence in writing and running programs in standard COBOL for a variety of applications. **Prerequisite: CSC 201. (3) Fall.**

CSC 303. ASSEMBLY LANGUAGES I, II, III. This course covers basic computer organization, central processing units, main memory, address structure, data representation, error conditions input-output devices, the arithmetic and logic unit, auxiliary storage devices, symbolic coding and assembly systems. **Prerequisite: CSC 202. (3) Fall.**

CSC 304. PROGRAMMING SYSTEMS. Programming systems purpose, function of various types of systems. Familiarization of basic knowledge of programming systems concepts for mastering any specific system. **Prerequisite: CSC 304. (3) Fall.**

CSC 401. MANAGEMENT INFORMATION SYSTEMS. Data and information processing concepts; classifying and coding; general file storage consideration; data structure concepts; information systems development methodology. **Prerequisite: CSC 304. (3) Fall.**

CSC 402. SYSTEMS ANALYSIS. The development of new systems and analysis of existing systems. Computer system for management. **Prerequisite: CSC 303. (3) Spring.**

CSC 403. COMPUTER AUGMENTED ACCOUNTING. Application of the computer to solve accounting and business problems. **Prerequisites: CSC 202, Bus 231-232. (3) Spring.**

DIVISION OF EDUCATION

ORGANIZATION OF THE DIVISION

A. Department of Education

1. Objectives of Teacher Education
2. Requirements for admission to Teacher Education
3. The interdepartmental program for Teacher Education
 - a) general education requirements for all teachers
 - b) academic specialization for the secondary and special subject teacher
 - c) elementary education curriculum
 - (1) the elementary education sequence
 - (2) academic specialization for elementary teachers
4. Professional education requirements
 - a) courses in education and psychology
 - b) student teaching
 - c) final certification requirements
5. Description of courses

B. Department of Health and Physical Education

1. Objectives
2. The physical education curriculum
3. Description of courses

C. Services in Freshman Orientation and Guidance

1. Freshman Orientation
2. Guidance and Evaluation in Teacher Education
3. Teacher placement and follow-up.

MISSION AND OBJECTIVES

The chief mission of the Division of Education is the administration of the teacher education policies of the college in collaboration with the North Carolina State Department of Public Instruction. This involves elementary education (early childhood education, K-3, and intermediate, 4-9); secondary education, 9-12; and special subjects, 1-12. A second function is a liaison administrative relation with all major departments which prepare teachers. The Division of Education serves all students in relationship with some phases of psychology and orientation programs of the college.

The objectives of the Division of Education are as follows:

1. To administer Professional Education
2. To provide administration for the Department of Education
3. To provide administration of the Department of Physical Education
4. To provide services in Freshman Orientation and Guidance
5. To provide courses in psychology as a service area

6. To promote psychology as an area in which students may earn a major through a cooperative arrangement with North Carolina State University and Meredith College.

DEPARTMENT OF EDUCATION

The mission of the Department of Education is to provide special services and professional courses for all Teacher Education candidates. This section of the catalogue contains (1) objectives of Teacher Education, (2) requirements for admission to Teacher Education, (3) the elementary education curriculum, (4) Teacher Education requirements, and (5) a description of courses in education and psychology.

Objectives of Teacher Education

- 1) To develop the basic understandings, skills, and attitudes germane to an educational profession in general and the teaching profession in particular, as a background for advanced and graduate study in education.
- 2) To provide professional orientation and preparation for teachers in early childhood and elementary education.
- 3) To cooperate with the various departments in the arts and sciences in preparing teachers for the secondary and special subject fields.
- 4) To provide professional laboratory experiences, along with the appropriate placement and supervision, aimed toward Class A Certification in the following fields specified and approved by the State Department of Public Instruction:

Elementary Education

Early Childhood Education
Intermediate Education

Special Subjects

Art (by consortium)
Music
Physical Education

Secondary Education

Business Education
English
Foreign Language
French
Mathematics
Science
Biology
Chemistry
Physics
Social Studies

Requirements for Admission to Teacher Education. During the sophomore year any student of the college who has the personality and interest in becoming a teacher and has at least an overall average of 2.35 may apply for admission to the Teacher Education Program of the college. The following procedure should be followed in making application:

- 1) The student enrolls in the first required professional course, Education 233 — **Foundations of Education.**

- 2) While enrolled in the course, the student takes three personality tests listed among the required tests in this Bulletin, prepares an autobiography, and is interviewed by the College Counselor, either from Personnel or from his/her department, or both.
- 3) A formal application is submitted during the course or after the successful completion of the course, or, upon arrival at this institution, if the student is a transfer student who has completed the equivalent of a course in educational foundations.
- 4) After the appropriate information, including indications of English or speech proficiency and certain test scores, has been affixed upon the form, the applications are brought before the Interdepartmental Teacher Education Committee for consideration.
- 5) All applicants who have been approved by the Committee are formally recommended to the Vice President for Academic Affairs and upon approval are admitted to the Teacher Education Program. A file is kept on each candidate by the Department of Education and the department in which the subject matter concentration is taken.
- 6) The formal completion of admission procedures to the Teacher Education Program should be in effect no later than the beginning of the junior year. Later admissions (as with the case of transfer students) require special counseling and screening.

The Interdepartmental Program for Teacher Education. The direction and coordination of the Teacher Education Program at Saint Augustine’s College is made effective through the Interdepartmental Teacher Education Committee. The Chairman of the committee is appointed each year by the Vice President for Academic Affairs of the college. The membership includes a representative from each academic area in which this institution prepares teachers. Through this committee there is an all-institutional approach to Teacher Education.

General education requirements for all teachers. General education is defined as courses required of all prospective teachers, regardless of subject-matter specialization. Fundamentally, this includes the liberal arts or the cultural background commonly recommended for all undergraduate collegiate programs. For the Teacher Education candidate, as recommended by the Saint Augustine’s College Curriculum Council and the Division of Teacher Certification of the North Carolina State Department of Public Instruction, the following listing of required general education courses are repeated here:

	Sem. Hours
1. Freshman Orientation	1/2
2. English composition and speech	8
3. World Civilization	6
4. Natural Science	6
5. Sociology or Economics or Cultural Anthropology	3
6. PHIL 431 General Education: Origin of Beliefs or PHIL 432 Ethics ..	3
7. Required Physical Education (two years)	2
8. Humanities	4
9. Mathematics	3
10. General Psychology	3
11. Foreign Language or Electives	6
12. Free Electives	1
Total	45 1/2

Academic specialization for secondary and special subjects teachers. Specialization in one or more academic areas is the second of the three basic parts of a Teacher Education Program. Saint Augustine's College offers six (6) major programs leading toward qualifying students for teaching in the secondary schools (grades 6 through 12) and two (2) special subject programs (music and physical education, grades 1 through 12). The semester-hour academic requirements for these eight programs are given below:

Program	Department Represented	Semester Hours
1. Business Education		39
2. English		36
3. Modern Languages (French)		30
4. Science (Biology, Chemistry)		48
5. Mathematics		30
6. Social Studies		42
7. Music (18 sem. hrs. of this for Applied Music)		49½
8. Health and Physical Education		36

Elementary education curriculum. This section contains (1) the elementary education sequence, consisting of the common elements in the four-year over-all program for elementary teachers, and (2) a definition of the program of academic specialization for elementary teachers.

A. THE COMMON FRESHMAN YEAR FOR EARLY CHILDHOOD AND INTERMEDIATE ELEMENTARY SEQUENCES

First Year					
First Semester		Second Semester			
Descriptive	Title	Descriptive Title			
ENG 122	Reading	2	ENG 123	Reading	2
ENG 131	English Composition	3	ENG 132	English Compostion	3
HIST 133	World Civilization	3	HIST 134	World Civilization	3
BIOL 131	Fundamentals of Biology	3	CHEM 131	Physical Science	
MATH 130	Fundamental Math	3		Economic, Sociology or Cultural Anthropology	3
EDUCA 111	Freshman Orientation	½		Foreign Language or elective	3
PE 100	Foreign Language or elective	3	PE 104	Physical Education	½
	Personal Hygiene	½			
	Total	18		Total	17 ½

*This program assumes a common freshman year.

1. EARLY CHILDHOOD PROGRAM*

		Second Year			
First Semester		Second Semester			
PSYCH 232	General Psychology	3	ENG 222	Humanities	2
ENG 221	Humanities	2	ENG 121	Speech	2
PE 105	Physical Education	½	PE 106	Physical Education	½
HIST 231	American History to 1865	3	HIST 232	American Hist. Since 1865	3
EDUCA 233	Found. of Education	3	MATH 233	Modern Mathematics	3
Art Elective (131 or 132)		3	Art 133	Handicrafts	3
MUSIC 120	Fundamentals of Music	2	MUSIC 135	Music Appreciation	3
Total		16½	Total		16½

*This program assumes a common freshman year.

		Third Year		
First Semester		Second Semester		
PSYCH 330	Child Development I	3	EDUCA 336 Children's Literature	3
MUSIC 334	Pub. Sch. Music	3	PSYCH 331 Child Development II	3
EDUCA 325	Early Childhood Curr.	2	PE 422 Prac. & Procedures in Physical Education	2
PE 421	Prac. & Procedures in Health	2	EDUCA 326 Early Childhood Act. and Techniques	2
EDUCA 339	The Teaching of Reading	2	SOC 232 Contemporary Family Life	3
GEOG 331	or 332 Geography	3	GOVT or Political Science	3
Total		15	Total	16

		Fourth Year			
First Semester			Second Semester		
SOC 231	Modern Social Problems and the Black Experience	3	EDUCA 321	Educational Psychology	3
ENG 339	Reading Problems	3	EDUCA 428	Educational Media	2
ENG 337	English Language (or Linguistics elective)	3		Education	2
	Free Electives	1-4	EDUCA 464	Student Teaching	6
PHIL 431	General Education: Origin of Beliefs or Ethics	3			
PHIL 432	Ethics	3			
EDUCA 432	Tests and Measurements	3			
Total		16-19	The Professional Semester		13

II. INTERMEDIATE ELEMENTARY PROGRAM*

Second Year			Second Semester		
First Semester					
PSYCH 232	General Psychology	3	ENG 222	Humanities	2
ENG 221	Humanities	2	ENG 121	Speech	2
PE 105	Physical Education	½	PE 106	Physical Education	½
Art Elective	(131 or 132)	3	ART 133	Handicrafts	3
HIST 231	American History to 1865	3	HIST 233	American Hist. Since 1865	3
MUSIC 120	Fundamentals of Music	2	MATH 233	Modern Mathematics	3
EDUCA 233	Foundations of Education	3	Free Electives		1-2
Total		16½	Total		14½-15½

Third Year			Second Semester		
First Semester					
MUSIC 135	Music Appreciation	3	GEOG 332	Regional Geography** or Elective	3
PSYCH 331	Child Development II	3	MUSIC 334	Public Sch. Music	3
GEOG 331	Principles of Geography	3	PE 442	Pract. & Procedures in Physical Education	2
EDUCA 337	Curr. & Methods in Humanities & Soc. Sciences	2	EDUCA 338	Curr. & Methods in Natural Sci. & Math	2
EDUCA 339	The Teaching of Reading Concentration or Elective	3	ENG 336	Children's Literature Concentration or Elective	3 2-4
Total		16	Total		15-17

*This program assumes a common freshman year.

**Students planning to teach in North Carolina may substitute North Carolina History or Geography, if available.

Fourth Year			Second Semester		
First Semester					
PHIL 431	General Education Origin of Beliefs or Ethics	3	EDUCA 321	Educational Psychology	3
PE 421	Pract. & Procedures in Health	2	EDUCA 428	Educational Media	2
Concentration & Electives		5-9	EDUCA 432	Tests and Measurements	3
Government or Political Science		3	EDUCA 436	Modern Elementary Schools	2
Total		13-17	EDUCA 463	Student Teaching	6
Total			Total		16

III. MAJOR IN SPECIAL EDUCATION (Learning Disabilities Concentration)

First Year					
First Semester		Second Semester			
ENG 122	Reading	2	ENG 123	Reading	2
ENG 131	English Composition	3	ENG 132	English Composition	3
HIS 133	World Civilization	3	HIS 134	World Civilization	3
BIO 131	Fundamentals of Biology	3	CHM 131	Physical Science	3
MAT 130	Fundamentals of Math	3	PED 102	Physical Education	1½
EDU 111	Freshman Orientation	½		Economics, Sociology, or Cultural Anthropology	3
PED 100	Personal Hygiene	½		Elective	3
	Elective	3			
	Total	18		Total	17½
Second Year					
First Semester		Second Semester			
PSY 232	General Psychology	3	ENG 222	Humanities	2
ENG 221	Humanities	2	PED 202	Physical Education	½
PED 201	Physical Education	½	HIS 232	Amer. Hist. Since 1865	3
HIS 231	Amer. Hist. to 1865	3	MAT 233	Modern Mathematics	3
EDU 233	Foundation of Education	3	ART 133	Handicrafts	3
MUS 120	Fundamentals of Music	2	EDU 235	Introd. to Special Educ.	3
ENG 121	Speech	2	EDU 336	Children's Literature	3
	Total	15½		Total	17½
Third Year					
First Semester		Second Semester			
PSY 330	Child Development	3	PSY 331	Child Development II	3
MUS 334	Public School Music	3	HPE 422	Practices and Procedures in Physical Education	2
PE 421	Practices and Procedures in Health	2	EDU 333	Teaching Learning Disabled Children	2
EDU 339	Teaching of Reading	3	PHI 431	Origin of Beliefs or	
GEO 331	Geography	3	PHI 432	Ethics	3
EDU 327	Introduction to Learning Disabilities	2	EDU 428	Educational Media	2
			EDU 432	Tests and Measurements	3
			EDU 321	Educational Psychology	3
	Total	16		Total	18
Fourth Year					
First Semester		Second Semester			
EDU 332	Diagnostic & Correction of Math Disabilities	2	EDU 461	Student Teaching	6
PSY 460	Psychology of Exceptional Children	3		Elective	3
EDU 313	Diagnosis & Correction of Reading Disabilities	3		Education Elective	3
ENG 224	Modern Grammar	3			
SOC 232	Contemporary Family Life	3			
	Total	14		Total	12
				TOTAL HOURS	128½

Special Education (Learning Disabilities Concentration) Professional Courses

EDU 235 Introduction to Special Education	3
EDU 327 Introduction to Learning Disabilities	2
EDU 333 Teaching Learning Disabled Children	2
EDU 332 Diagnosis and Correction of Math Disabilities	2
EDU 313 Diagnosis and Correction of Reading Disabilities	3
PSY 460 Psychology of Exceptional Children	3
EDU 339 The Teaching of Reading	2
PSY 330 Child Development I	3
PSY 331 Child Development II	3
EDU 461 Student Teaching	6

IV. PROGRAM FOR TEACHER EDUCATION (23-27)

(1) Sophomore year (3)	
EDUCA 233 Foundations of Educa.	(3)
(2) Junior Year (5-9) (First Semester) (Second Semester)	
Child Development II or	Methods Courses (2-3)
Psychology of Adolescence (3)	
Methods Courses (0-3)	
(3) The Senior Year Professional Semester (15)	
(a) First 8 weeks	
EDUCA 321 Educational Psychology	3
EDUCA 428 Educational Media	2
EDUCA 431 Principles of Sec. Educ.	
or	
EDUCA 436 Modern Elem. Schools	
or	
EDUCA 433 Early Childhood Education	2
(b) Last 8 weeks	
EDUCA 461, 462, 463, or 464	
Student Teaching	6
Total	13

Academic Specialization for Elementary Education. Students may earn from 12 to 18 hours in one concentration, or may take two concentrations with 12 hours each, totaling 24 semester hours. Students seeking teacher certification should earn the grade of C or better in an area of concentration and in all professional education courses.

The following seven concentrations may be currently pursued by taking the specified number (12 to 18 hours beyond the regular requirements) of hours in one or two disciplines:

Language Arts	Natural Science
French	Physical Education
Mathematics	Social Studies
Music	

PROFESSIONAL EDUCATION REQUIREMENTS FOR THE TEACHER EDUCATION PROGRAM ACADEMIC SPECIALIZATION FOR SECONDARY EDUCATION

Education Requirements. After meeting requirements for general education and academic specialization, all Teacher Education candidates seeking final certification should meet certain professional education requirements. The meeting of such requirements is a major responsibility of the Department of Professional Education. This section, therefore, will deal with (a) courses in

education and psychology, (b) student teaching, and (c) final certification requirements.

Courses in Education and Psychology. Once committed to the field of Teacher Education by the admission procedures described earlier, the candidate should take at least 23 semester hours in Teacher Education if in the secondary education or special subject fields, or at least 27-33 hours of such if in the early childhood or intermediate elementary field. A listing and the categorization of such courses follow:

General Professional Courses for all Fields	
EDUCA 233 Foundations of Education	3
EDUCA 321 Educational Psychology	3
EDUCA 428 Educational Media	2
EDUCA 432 Tests and Measurements	3
EDUCA 465 Seminar in Education	6
Early Childhood Professional Courses	
EDUCA 325 Early Childhood Curriculum	2
EDUCA 326 Early Childhood Activities and Techniques	2
EDUCA 433 Early Childhood Education	2
EDUCA 339 The Teaching of Reading	2
EDUCA 464 Student Teaching	6
PSYCH 330 Child Development I	3
PSYCH 331 Child Development II	3
Intermediate Elementary Professional Courses	
EDUCA 337 Curriculum and Methods in Humanities and the Social Sciences	2
EDUCA 338 Curriculum and Methods in the Natural Sciences and Mathematics	2
EDUCA 339 The Teaching of Reading	2
EDUCA 436 The Modern Elementary Schools	2
EDUCA 436 Student Teaching	6
PSYCH 331 Child Development II	3
Secondary or Special Subject Professional Courses	
EDUCA 431 Principles of Secondary Education	2-3
EDUCA 340-349 series Methods and Materials for Teaching in the Secondary School	2-6
PSYCH 332 Psychology of Adolescence	3
EDUCA 461 or 462 Student Teaching	6

Directed Observation and Early Participation

All entering Teacher Education candidates will be required to include a period of sixty (60) hours of pre-student teaching observation and participation in the elementary and secondary schools as a part of their Teacher Education program. The procedure will be structured by allowing the first forty (40) hours of observation to take place during the methods courses, and the final twenty (20) hours during the professional semester.

Student Teaching. Student teaching is required of all Teacher Education candidates who wish to be certified by the North Carolina State Department of Public

Instruction and is rapidly becoming mandatory for such candidates in all states. To qualify for student teaching, the candidate should meet all of the following qualifications:

- a) Obtain formal admission to the Teacher Education program at Saint Augustine's College.
- b) Maintain a cumulative average of 2.35 or better in course work.
- c) Achieve a grade of "C" or better in all professional courses, major courses, and in written and oral communication courses.
- d) Acquire senior status (90 semester hours or more), with the completion of all professional courses except those in the Teacher Education block.
- e) Complete a substantial number of major courses, to assure proficiency in subject matter as certified by the signature of the Division chairperson and/or department head.
- f) Complete a sufficient number of hours of in-class observation and participation as specified in this Bulletin, such as to indicate readiness for the student teaching experience.
- g) Apply for student teaching and receive the approval of the Interdepartmental Teacher Education Committee and the Vice President for Academic Affairs.

Applications for student teaching are due on October 15, or April 15, of the semester prior to the semester in which student teaching is to be effected. Student teaching is permitted only in the senior year (either semester).

Final Certification Requirements. The ultimate goal of the Department of Teacher Education is to render the prospective teacher eligible to receive immediately upon graduation from Saint Augustine's College one of the four following types of Class "A" Certificates provided by the North Carolina State Department of Public Instruction:

- (1) Early Childhood Education (K-3)
- (2) Intermediate Elementary (4-9)
- (3) Secondary (7-12)
- (4) Special Subjects (1-12)

Students interested in obtaining teacher certification should check with their advisors to adjust their programs to meet the new specifications (regarding substituting courses currently available at Saint Augustine's and cooperating colleges in Raleigh).

The general requirements for certification are (a) the completion of requirements for either the Bachelor of Arts or Bachelor of Science degree, (b) credit for a successful experience in direct observation and student teaching in the area of certification, (c) recommendations by the departmental chairman, the Division of Education Chairman, and the Vice President for Academic Affairs, and (d) a satisfactory score on the National Teacher Examinations. The composite score for North Carolina depends on the teaching area in which certification is sought.

Description of Courses

EDUCA 111. FRESHMAN ORIENTATION. A course designed to assist the new student in making adequate adjustment to college life: religion, health, student activities, study habits, and the history and philosophy of Saint Augustine's

College. A special phase of this course will be concerned with educational, social, and vocational guidance. **Required. (1/2) Fall and Spring.**

EDUCA 200. COOPERATIVE EDUCATION. A work-study plan designed to integrate the students' academic experiences with their practical experiences on the job. In this program, students enrich their education by alternating institutional periods of study with practical periods of meaningful work in business, industry, health, social and state agencies. This cooperative arrangement effects better prepared students for society. Each student is required to alternate his/her specific periods of off-campus work experience, including one semester of practical employment. The semester hours in Cooperative Education are not offered on a sequential basis. Students may earn a maximum of fifteen semester hours in Cooperative Education. **(6) Fall or Spring, in alternate semesters and (3) Summer.** Fee: \$60.00 per credit hour plus \$60.00 fee.

To be offered Sophomore year, second semester:

EDUCA 223. FOUNDATIONS OF READING INSTRUCTION. A basic course in the teaching of reading as a psycholinguistic process. Approaches to reading are based on varying assumptions about the learner and about the learning-to-read process. Strategies in word recognition and comprehension are examined and applied. Students will be introduced to significant reading research. The course is a combination of lectures, demonstrations, discussions, and applications of techniques in reading via role-playing techniques. **(3) Fall or Spring.**

EDUCA 233. FOUNDATIONS OF EDUCATION. This beginning professional course in education includes the history, philosophy, and the sociological foundations of education which aim to give the student a broad overview of education as a discipline from its inception to the present. There will be some exposition of the three cultural philosophies as well as some attention to educational functions, programs, and institutions in a democratic society. **(3) Fall or Spring.** Open to sophomores and required of all students who wish to make application for professional education.

EDUCA 235. INTRODUCTION TO SPECIAL EDUCATION. In this course, mental, physical, emotional, and social traits of several types of exceptional children will be discussed. Learning characteristics of gifted, learning disabled, and physically handicapped children will be studied as well as their effects upon the regular classroom. Course content will also include special programs and services available for children with special needs and abilities. **(3) Fall or Spring.**

EDUCA 237. READING FOUNDATIONS. This course is designed to study the techniques of improving reading efficiency. Attention will be given to developing reading skills, word recognition skills, including phonetics, structural analysis, comprehension, and paragraph meaning. Each student will have exposure to current reading materials and the taking of standardized reading tests. **(2) Fall or Spring.**

To be offered Junior year, first semester:

EDUCA 313. DIAGNOSIS AND CORRECTION OF READING DISABILITIES. A laboratory course concerned with analysis and study of factors which contribute to and precipitate reading disabilities in elementary and/or secondary school. It includes the selection and administration of both informal and standardized tests and also deals with the preparation and evaluation of case

reports. This course also focuses on methods, materials, and practices pertaining to the instruction of disabled readers. The course provides opportunities to plan, organize and conduct remedial instruction for children under the supervision of the instructor. **(3) Fall or Spring.**

EDUCA 321. EDUCATIONAL PSYCHOLOGY. This course involves the study of the application of psychological principles to education. It deals with the various problems encountered in the teaching-learning process. This includes such topics as motivation, individual differences, growth and development, perception and observation, and problems of the emotions. **(3) Fall or Spring.** Required of all prospective teachers.

EDUCA 324. THE TEACHING OF LANGUAGE ARTS. This course will investigate methods and materials used in teaching the language arts in grades K-9. Instructional techniques applicable to the teaching of spelling, handwriting, dramatics, and composition skills will be emphasized. **(2) Fall or Spring.**

EDUCA 325. EARLY CHILDHOOD CURRICULUM. This course is concerned with the interactions of responses of young children, ages five through eight, and their environmental experiences. Curriculum-making appropriate to this age group will be studied, including work in the curriculum laboratory in preparing materials for kindergarten and grades one through three. The exploration of published materials in relationship with the behavior of the developing child will be of prime importance in this course. Two class hours per week and 20 hours of approved observation-participation in the public schools. **(2) Fall.**

EDUCA 326. EARLY CHILDHOOD ACTIVITIES AND TECHNIQUES. Continuation of Education 325, but with more emphasis upon observation, the activities of young children, and the techniques of teaching them. Emphasis will focus upon the teaching of the language arts (complementary to EDUCA 339. The Teaching of Reading), lettering and handwriting, numberwork, and various aspects of the social and natural sciences that interest this age group. Some special attention will be given to behavioral objectives. Two class hours per week and 20 hours of approved observation-participation in the public schools. **(2) Spring.**

EDUCA 327. INTRODUCTION TO LEARNING DISABILITIES. The characteristics and educational needs of learning disabled children are considered in relation to their adjustment problems. Attention will also be given to etiology, identification, prevalence, and learning and behavioral characteristics of learning disabled children. **(2) Fall.**

EDUCA 332. DIAGNOSIS AND CORRECTION OF MATH DISABILITIES. This course is designed to provide instruction in the utilization of diagnostic instruments and in specific remediation techniques. Math skills to be considered include deductive, inductive, and inferential reasoning; problem solving; and basic classification and categorization skills. Preparation of individualized instructional sequences will be stressed, as well as the use of both teacher-made and commercial remedial materials. **(2) Fall.**

EDUCA 333. TEACHING LEARNING DISABLED CHILDREN. This course deals with instructional strategies, curriculum materials, classroom management techniques, and planning procedures for instructing the learning disabled student. The course will examine the above in relation to objectives of education

for the learning disabled. Attention will also be given to the roles of parents, teachers, and community in the education of the learning disabled. **(2) Spring.**

EDUCA 336. CHILDREN'S LITERATURE. This course surveys the field of children's literature from the nursery school level, early childhood education, and through grade eight. Consideration is given to the principles governing the choice of literature in these grades. Curricular activities of this course are the compilation of annotated lists of books suited to typical nursery school, early childhood education, and elementary school program; experience in story-telling and dramatization. This course is required of all who major in Elementary Education. **(3) Fall or Spring.**

EDUCA 337. CURRICULUM AND METHODS IN HUMANITIES AND THE SOCIAL SCIENCES. The course includes the teaching of other language arts besides reading per se (reading and the basic communicative skills are covered by Education 339), the teaching of the affective domain (attitudes and values), and all other subjects of the elementary school that deal with human relations. Three contact hours per week to achieve laboratory effect, with laboratory time earmarked for observation in the public schools. Open to juniors and first semester seniors. **(2) Fall.**

EDUCA 338. CURRICULUM AND METHODS IN THE NATURAL SCIENCES AND MATHEMATICS. The teaching of science and mathematics in the elementary schools will be emphasized. For science, the work includes teaching methods and curriculum planning in elementary biology, chemistry, physics, and earth-space sciences. For mathematics, the work includes teaching methods and curriculum planning in modern integrated mathematics, both at the beginner primary and the intermediate-grade levels. Three contact hours per week to achieve laboratory work and the research necessary to support the continuously changing elementary program in these areas. Prerequisites: MATH 233, 131, and 132. **(2) Spring.**

EDUCA 339. THE TEACHING OF READING. Specific work and laboratory practice in the techniques of reading as related to modern communications; includes a study of readiness, phonetics, developmental reading, and analysis of reading difficulties. Some thought will be devoted to remediation and the use of reading materials and media found in the reading laboratory. Three contact hours per week. **(2) Fall or Spring.** Open to all teacher education candidates; required for elementary majors, and elective for secondary majors, highly recommended for English majors.

EDUCA 341-349. METHODS AND MATERIALS FOR TEACHING IN THE SECONDARY SCHOOLS. A set of courses offered by the various academic departments designed to acquaint the Teacher Education candidate with the methods and techniques for teaching the particular subject as well as the curriculum materials available in the modern secondary school. Emphasis will be on correlating college subject matter and educational theory with the modern high school curriculum. Variable credit, as listed below for each respective department (see special entry among the course descriptions of the several departments):

- EDUCA 341 The Teaching of Mathematics **(3)**
- EDUCA 342 The Teaching of Business Subjects **(3)**
- EDUCA 343 The Teaching of Science **(3)**
- EDUCA 344 The Teaching of Social Studies **(3)**

EDUCA 345 The Teaching of English (3)
EDUCA 346 The Teaching of Modern Foreign Languages (2)
EDUCA 347 The Teaching of Vocal Music (2)
EDUCA 348 The Teaching of Instrumental Music (2)
EDUCA 349 The Teaching of Physical Education (2)

EDUCA 413. INTERNSHIP IN STUDENT TEACHING. On-the-job experiences in a teaching position under supervision by both the college and a school district. A full-semester course which includes all that is in a regular student teaching program plus paid responsibilities designated by the hiring board of education. Fee: \$250.00. Requirements are the same as for Education 461. Could possibly displace methods (except the Teaching of Reading) and media if such experiences are provided by the school system. (12)

EDUCA 428. EDUCATIONAL MEDIA. An elective study of educational technology, including the use of projectors, teaching machines, recorders, educational television, reading machines, language laboratories, and other types of audiovisual materials. Special attention will be given to the programming of such media. Two laboratory hours for each lecture hour. (2) Open to any junior or senior, but recommended for Teacher Education candidates. (2) **Fall or Spring.**

EDUCA 431. PRINCIPLES OF SECONDARY EDUCATION. A course especially designed to precede student teaching in the secondary school. The course begins with obtaining a general understanding of the historical and philosophical foundations of a secondary education and makes a study of the problems of the secondary school. Special attention is given to the interrelationship of the high school curriculum with the needs of the adolescent and the techniques of planning for teaching, especially patterns of thinking for dealing with trends and innovations in education for modern living. **Prerequisite: Education 233. (3) Fall or Spring.**

EDUCA 432. TESTS AND MEASUREMENTS. A course recommended for all teachers, psychologists, and social workers. The course is designed to aid in the development of teacher-made tests, the use of standardized tests, and employment of statistical data in education. Two laboratory hours for each lecture hour during which students are to use tests, research techniques, and data processing. Fee: \$3.00. Offered during student teaching semester, but open to all juniors and seniors. (3) **Fall or Spring.**

EDUCA 433. EARLY CHILDHOOD EDUCATION. This course is a special study of the organization and management of a kindergarten. The course includes the history, philosophy, and social foundations of the modern early childhood program, comprising, for example, comparative studies of the British Infant Schools, the Montessori method, and various experimental programs. Attention will be given to team-teaching, non-grades instruction, the open learning center, and other innovative educational designs. Sociological implications of home and school relationships will also be addressed. **Prerequisite: Education 233. (2) Fall or Spring.**

EDUCA 436. THE MODERN ELEMENTARY SCHOOL. The course is concerned with the objectives of the elementary school years and the kind of educational process necessary to realize these objectives. The focus is on the role of the elementary school in a rapidly changing society. Required of all elementary majors prior to student teaching. **Prerequisite: Education 233. (2) Fall or Spring.**

EDUCA 461. STUDENT TEACHING. Directed professional laboratory experiences, including sixty or more hours of observation-participation and 120 hours of actual teaching in an approved public or private school appropriate to the subject-matter area and grade level in which the student wishes to certify. Student teaching includes planning, teamwork with the cooperating teacher and at least three weeks' full-time responsibility of teaching. Supervised by an appointed college supervisor, a representative from the students' major department, a cooperating public or private school on the field. Offered for (8) weeks two times per year to seniors and post-graduates only; must be approved by Division chairperson or Department head, Registrar, the Interdepartmental Teacher Education Committee, and the Vice President for Academic Affairs. Fee: \$50.00. **Prerequisites: Methods and Educational Psychology. A cumulative grade-point average of 2.35 (or 2.00 and a minimum passing score on the National Teacher Examinations).** (6)

EDUCA 465. SEMINAR IN EDUCATION — AN INTERDISCIPLINARY APPROACH. This course is designed to strengthen students in the skills needed for competency in teaching-learning activities. Instructional activities in language, art, mathematics, speech, psychological, philosophical and social issues and evaluation will constitute the main theme of this course. Students will be tested upon completing activities designed to meet course objectives. (6) **Fall or Spring.**

Courses in Psychology

PSYCH 232. GENERAL PSYCHOLOGY. An introduction to the fundamental aspects and underlying principles of human behavior, stressing the scientific background of emotions, adjustment, learning and retention, thinking and perception, individuality and social behavior. Special attention is given to human growth and development. Required of all students regardless of major. (3) **Fall or Spring.**

PSYCH 325. EXPERIMENTAL PSYCHOLOGY. An Introduction to experimental research in psychology. This course will include such areas as the scientific method and its application to problems in research, experimental design, and the preparation of research reports. **Prerequisites: Psychology 232 and Education 432.** (3) **Fall.**

PSYCH 330. CHILD DEVELOPMENT, PART I. A course in child psychology, covering from the prenatal stage through the first ten years of life. The course corresponds with Freud's first five stages of development, or Erickson's first three stages. Some emphasis upon educational psychology as pertains to young children as well as in-depth psychological study of child development. **Prerequisite: Psychology 232.** (3) **Fall or Spring.**

PSYCH 331. CHILD DEVELOPMENT, PART II. A course in child psychology which overlaps with Psychology 330 from about age five, but goes in depth to middle adolescence. Corresponds with Freud's Oedipal, Latency, and Puberty stages, or Erickson's stages three through five. Particularly suited for students interested in teaching the middle grades. (A revision of the old Psy.331-Child Psychology.) (3) **Fall or Spring. Prerequisite: Psychology 232.**

PSYCH 332. PSYCHOLOGY OF ADOLESCENCE. A study of the psychological characteristics and behavior trends especially associated with the adolescent period, with special emphasis on the problems arising in the junior and senior

high school situations. Required of all secondary and special subject majors. **Prerequisite: Psychology 232. (3) Fall or Spring.**

PSYCH 333. PERSONALITY AND ADJUSTMENT. A review of personality based on clinical and experimental data. Special attention is given to the principles involved in the total development and functioning of the integrated personality. **Prerequisites: Psychology 232 and Psychology 330. (3) Spring.**

PSYCH 335. ABNORMAL PSYCHOLOGY. A course designed to study behavior deviations in humans. Special emphasis will be placed on organic and psychological factors, and major theories of etiology, treatment and prevention. **Prerequisite: Psychology 232. (3) Spring.**

PSYCH 336. SENSATION AND PERCEPTION. A study of the various sensory systems and how they function. Particular emphasis will be placed on the internal and external factors that influence perception. **Prerequisites: Psychology 232 and Biology 241. (3) Fall.**

PSYCH 339. LEARNING AND MOTIVATION. A study of experimental and theoretical issues involving human and animal learning and motivation. Attention will also be given to the practical application of learning and motivation relative to an educational setting. **Prerequisite: Psychology 232. (3) Fall.**

PSYCH 431. INDUSTRIAL PSYCHOLOGY. A study of significant psychological factors and their effect on production in various industrial settings. Consideration will be given to individual differences in industry, employee selection and training, employee turnovers and fatigue reduction. **Prerequisites: Psychology 232 and CONSENT OF INSTRUCTOR. (3) Spring.**

PSYCH 433. PSYCHOLOGICAL TESTING. This course is concerned with the principles of psychological testing, as well as the role of testing in evaluation with reference to educational and other settings. Emphasis will be on the following tests: (1) personality, (2) general and special abilities, (3) aptitude, (4) achievement, and (5) interests. **Prerequisites: Psychology 232 and Education 432. (3) Fall or Spring.**

PSYCH 460. PSYCHOLOGY OF EXCEPTIONAL CHILDREN. This course will present psychological effects and implications of disabilities. It will include a study of the basic principles and methods of understanding individuals who possess mental, social, emotional, physical, or multiple handicaps. **(3) Fall.**

MAJOR IN PSYCHOLOGY IN COOPERATION WITH THE NORTH CAROLINA STATE UNIVERSITY

Objectives

1. Acquisition of knowledge, skills, and abilities in the area of the behavioral sciences, and in related areas of specialization that are most beneficial to the student's intellectual growth, including mathematics, the natural sciences, philosophy, and social sciences.
2. Preparation of students for graduate education in psychology, with emphasis on mathematics, statistics, and research; biology, physical, and social sciences, and some basic behavioral science foundations for the legal, medical, business, and sociological professions.

3. Preparation for direct entry into occupations such as human development jobs in mental health, corrections, industry, and business.

Requirements for a major in psychology (120 semester hours)

A. General Education	Hours
ENG 122-123 Reading	4
EDUCA 111 Freshman Orientation	½
ENG 131-132 English Composition	6
ENG 121 Speech	2
HIST 133-134 World Civilization	6
ENG 221-222 Humanities	4
MATH 131 College Algebra	3
PSYCH 232 General Psychology	3
PHIL 231-232 Philosophy, or 457 Philosophy of Science	3-6
Physical Science elective	3-4
Mathematics elective	3
Biological Science electives	6-7
Social Science Elective (Economic, History, Political Science, Government, or Sociology)	2-3
PE 100 Personal Hygiene	½
PE 104, 105, 106 Physical Education	1½
Total, General Education	47 ½-53 ½
B. Area of Specialization	Hours
PSYCH 325 Experimental Psychology (Recommended for sophomore year)	3
SOC 434 Social Statistics (Recommended for sophomore year)	3
PSYCH 302 Psychology of Personality*	3
PSYCH 330, 331, or 332 Child Development I and II or Psychology of Adolescence	3
PSYCH 340 Abnormal Psychology*	3
SOC 234 Social Psychology	3
Other required electives in Psychology (including Educational Psychology and Tests and Measurements) to be taken at Saint Augustine's College or North Carolina State Univ.	15
Total, Area of Specialization	33
C. Electives	Hours
(1) Electives restricted to education, biology, sociology, humanities, natural sciences or mathematics	18
(2) Recommended: A modern foreign language	12
(3) Free electives	8-15
Total	38-45

*May be taken at North Carolina State University

Recommended Sequence by Semesters

First Year

First Semester			Second Semester		
MATH 131	College Algebra or Mathematics Elective	3-4	Mathematics Electives or College Algebra		3
ENG 131	English Composition	3	ENG 132	English Composition	3
HIST 133	World Civilization	3	HIST 134	World Civilization	3
Biology Elective		3-4	Physical Science Elective		3-4
EDUCA 111	Freshman Orientation	½	PSYCH 232	General Psychology	3
PE 100	Personal Hygiene	½	PE 104	Physical Education	½
ENG 122	Reading	2	ENG 123	Reading	2
Total		15-17	Total		17½-18½

Second Year

First Semester			Second Semester		
PSYCH 325	Experimental Psychology	3	SOC 434	Social Statistics	3
PSYCH 330 or 331	Child Development	3	PSYCH 332	Psychology of Adolescence	3
Social Science Elective		2-3	ENG 222	Humanities	2
ENG 121	Speech	2	SOC 234	Social Psychology	3
ENG 221	Humanities	2	Biological Science Elective		3-4
PHIL 231	Philosophy	3	PE 106	Physical Education	½
PE 105	Physical Education	½			
Total		15½-16½	Total		14½-15½

Third Year

First Semester			Second Semester		
EDUCA 432	Tests & Measurements	3	EDUCA 321	Educational Psychology	3
PSYCH 302	Psychology of Personality*	3	PSYCH 340	Abnormal Psychology*	3
Foreign Language		3	Philosophy Elective		3
Electives in Science or Math.		7-8	Foreign Language		3
			Elective in Education or Social Sciences		3
Total		16-17	Total		15

Fourth Year

First Semester			Second Semester		
Electives in Education or a Social Science		6	Electives in Science or Mathematics		6
Psychology Electives		6	PHIL 431	General Education Origin of Beliefs or	
Foreign Language		3	PHIL 432	Ethics	3
Free Elective		2	Psychology Elective		3
			Foreign Language		3
Total		17	Total		15

*May be taken at North Carolina State University

Department of Physical Education

GENERAL INFORMATION

Objectives

The general aim of the Department of Physical Education is to contribute to the total development of the student, so that he/she can function effectively in personal and social relationships. Emphasis is placed upon: (1) the development of student appreciation for regular participation in wholesome physical activities; (2) the learning of physical skills so that participation may be enjoyable; (3) the utilization of physical activities as a means of effecting desirable changes in individuals; (4) providing instructions and training for all students in the fundamentals of personal health and giving them experiences and established habits which will promote proper physical development and good health; (5) qualifying teachers of Physical Education for the public schools; and (6) preparing leaders in Physical Education for opportunities to work in intramural programs that now exist in our schools and colleges.

For teacher certification the student may qualify for either the fulltime teaching certificate with Physical Education as his/her major, and Science minor, or part-time teaching certificates with Physical Education as the area of concentration. The student may qualify for Director of Intramural Program, including activities in Student Unions, Senior Citizens Activities, Boys Clubs, Recreation Centers, Coaching and Officiating.

In addition to these general aims for students, the professional program aims to meet the demand for trained personnel who can: (1) conduct purposeful programs of physical education in public schools, K-12, community, and senior colleges; (2) direct and lead recreational programs in a variety of situations such as community centers, playgrounds, campuses, student unions, complexes for senior citizens outdoor recreation programs and (3) pursue graduate study in allied professions.

To achieve these aims, the Department believes it will be contributing to the general education of all students and to the aims of Saint Augustine's College, by offering the following programs in Physical Education:

1. Professional education in physical education and recreation education.
2. Required Physical Education for men and women.
3. Intramural athletics and interscholastic athletics for men and women.
4. Extra curricular activities, e.g. PEM Club, Honors Club, Dance Club, and activities for Faculty, staff and handicapped.
5. Individual and adaptive physical education.
6. Exemption of Veterans of Armed Forces from required Physical Education upon approval of the Vice President for Academic Affairs, and the registrar.

The Department offers a wide range of activities to students enrolled in physical education classes including games, sports, stunts, self-testing activities, combative activities, rhythmical activities, gymnastics and aquatics.

Where possible, the service program of the Department will be enlarged to include any physical education activity in which there is sufficient interest for the typical student.

Physical and medical examinations are required of all students. Those whose medical examinations reveal conditions which prohibit attendance at regular classes are assigned to adaptive classes in the required program. Intramural athletics give every student an opportunity to participate in competitive athletics on an equal basis.

All students majoring in Physical Education are required to purchase the proper major's uniform, including materials used in game leadership, and intramurals.

Chemistry and Physics are recommended for those students who plan to go into the field of Physical Therapy from the Physical Education Program. Also, other courses in Allied Health may be recommended.

Credit hours in excess of 17½ per semester may be carried on approval of the Department Head and the Vice President for Academic Affairs.

For students majoring in Physical Education, who do not wish to obtain Secondary Teaching Certificates the following courses are further required: Physical Education 321, 322, 323 and 422.

All students majoring in Physical Education must be proficient in at least two team sports and two individual and/or dual sports. Each major is assigned to a department staff member for advising. All majors must take and pass the PED exam. The student majors should make an early decision whether or not they will go into the Teacher Education program. The major with the certification is especially designed for students who want to teach and work in the area as a career. It is very difficult to successfully change programs in the senior year and also graduate on time.

For the men, the required program will consist of the following: 104 Volleyball and Basketball; 105 Softball and Baseball; 106 Gymnastics, Tumbling & Trampoline; 107 Badminton and Tennis; 108 Archery; 109 Track and Field; 110 Golf and Bowling; 111 Touch Football and Soccer; 112 Speedball; 113 Shuffleboard; 114 Recreational Activities; 115 Square, Social and Folk Dance.

All students must complete 3 of the following Physical Education requirements before graduation: 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115. (Only three (3) courses are required.)

All students must complete the course in Personal Hygiene before graduation.

Physical Education

All students must complete 3 of the following PE courses before graduation:

PE 104 — Volleyball/Basketball	(½ hour each)
PE 105 — Baseball/Softball	(½ hour each)
PE 106 — Gymnastics, Tumbling and Trampoline	½ hour
PE 107 — Badminton/Tennis	(½ hour each)
PE 108 — Archery	½ hour
PE 109 — Track and Field	½ hour
PE 110 — Golf/Bowling	(½ hour each)
PE 111 — Touch Football/Soccer	(½ hour each)
PE 112 — Speedball	½ hour
PE 113 — Shuffleboard	½ hour
PE 114 — Recreational Activities	½ hour
PE 115 — Square, Social and Folk Dance	½ hour

Courses listed above (except PE 100) are recommended to be taught in the combinations shown; meeting twice each week for nine weeks or one-half semester for each sport. Other combinations are optional.

PE 100 — Personal Hygiene ½ hr (Required of all students, meeting once each week throughout semester)

All students majoring in Physical Education must be proficient in at least two team sports and two individual and/or dual sports.

General Education Requirements			PE 322	Principles & Practices of Outdoor Recreation	
Descriptive Title					2
PE	104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115			Total	34
	Required Physical Education	1½	Teacher Certification		
			Required Courses in the Major Area		
			Descriptive Title		
ENG 121	Speech	2	PE 241	Anatomy for Physical Education Majors	4
ENG 131-132	English Composition	6	PE 121	122 Seasonal Activities	4
ENG 221-222	Humanities	4	PE 242	Physiology for Physical Education Majors	4
SOC 132	Introduction to Sociology	3	PE 336	Organization, Administration	
HIST 133-134	World Civilization	6		Supervision of Health	
PSYCH 332	Psychology of Adolescence	3		Physical Education and Recreation	3
MATH 130	Fundamentals of Mathematics	3	PE 334	Social and Community Health	2
PHIL 431	General Education: Origin of Beliefs or		PE 331-332	Athletic Coaching and Officiating	4
PHIL 432	Ethics	3	PE 232	Gymnastics	3
HIST 332	American Government	3	PE 335	Adaptive & Corrective Physical Education	3
ENG 122-123	Reading	4	PE 234	Principles of Physical Education	3
EDUCA 111	Freshman Orientation	½	EDUCA 349	Methods & Materials in Health and Physical Education	2
PE 100	Personal Hygiene	½	PE 433	Dance	2
	Total	39½	PE 432	Tests & Measurements	2
Courses from which Free electives may be taken in Teacher Certification			PE 221	First Aid, Safety Prevention Athletic Injuries	2
Descriptive Title			PE 333	Kinesiology	3
ART 336	Survey in Craft I	3	EDUCA 428	Educational Media	2
PE 223	Personal Health	2	EDUCA 461-462	Student Teaching	6
EDUCA 233	Foundations of Education	3	PE 421	Practices & Procedures in Health	2
EDUCA 321	Educational Psychology	3	PE 321	Introduction to Recreation	2
EDUCA 432	Principles of Secondary Education	3	PE 422	Practices & Procedures in Physical Education	2
BIOL 131	Fundamentals of Biology	3		Total	55
CHEM 131	Fundamentals of Physical Science	3			
PE 123	Personal Health	2			
PE 430	Instruction in Hygiene	3			
PE 423	Hygiene for Teachers and Health Workers	2			
PE 330	School Health	3			
PE 434	Introduction to Sports Philosophy	2			

Teaching Sequence PE Certification

First Year

First Semester			Second Semester		
Descriptive	Title		Descriptive	Title	
MATH 130	Fundamentals of Mathematics	3	ENG 132	English Composition	3
ENG 131	English Composition	3	HIST 134	World Civilization	3
HIST 133	World Civilization	3	BIOL 142	Botany	4
BIOL 131	Fundamentals of Biology	3	PE	Physical Education	½
PE 100	Personal Hygiene	½	SOC 132	Introduction to Sociology	3
ENG 122	Reading	2	ENG 123	Reading	2
EDUCA 111	Freshman Orientation	½	Electives		2
Total		15	Total		17½

Second Year

First Semester			Second Semester		
PE 121	Seasonal Activities	2	PE	Physical Education	½
ENG 221	Humanities	2	PE 122	Seasonal Activities	2
PE	Physical Education	½	PE 242	Physiology for Physical Education Majors	4
PE 321	Introduction to Physical Education	3	PSYCH 232	General Psychology	3
PE 241	Anatomy for Physical Education Majors	4	ENG 222	Humanities	2
EDUCA 233	Foundations of Education	3	PE 334	Social & Community Health	2
ENG 121	Speech	2	PE 222	First Aid and Safety	2
Total		16½	Total		17½

Third Year

First Semester			Second Semester		
PE 321	Introduction to Recreation	2	HIST 332	American Government	3
PE 336	Organization, Administration, Supervision of Health Physical Education and Recreation	3	PE 232	Gymnastics	3
PE 333	Kinesiology	3	PE 332	Coaching & Officiating	2
PE 331	Coaching & Officiating	2	PE 234	Principles of Physical Education	3
PE 335	Adaptive & Corrective Physical Education	3	ART 336	Survey in Craft I	3
EDUCA 223	Reading	3	PSYCH 332	Psychology of Adolescence	3
Total		16	Total		17

Fourth Year

First Semester			Second Semester		
PE 421	Practices & Procedures in Physical Education	2	PHIL 431	General Education: Origin of Beliefs or	
PE 433	Dance	2	PHIL 432	Ethics	3
EDUCA 349	Methods in Physical Education	2	EDUCA 428	Educational Media	2
PE 432	Tests and Measurements	2	EDUCA 462	Student Teaching	6
EDUCA 431	Principles of Secondary Education	3	PE 422	Practices & Procedures in Physical Education	2
EDUCA 321	Educational Psychology	3	Electives		2
Electives		2	Total		15
Total		16	Total		15

(NON-TEACHING SEQUENCE)
PHYSICAL EDUCATION DEPARTMENT
NON-CERTIFICATE

First Year

First Semester			Second Semester		
Descriptive Title			Descriptive Title		
MATH 130	Fundamentals of Mathematics	3	ENG 132	English Composition	3
ENG 131	English Composition	3	HIST 134	World Civilization	3
HIST 133	World Civilization	3	BIOL 142	Botany	4
BIOL 131	Fundamentals of Biology	3	PE	Physical Education	½
PE 100	Personal Hygiene	½	SOC 132	Introduction to Sociology	3
ENG 122	Reading	2	ENG 123	Reading	2
EDUCA 111	Freshman Orientation	½			
Total		15	Total		15½

Second Year

First Semester			Second Semester		
ENG 121	Speech	2	PE 122	Seasonal Activities	2
ENG 221	Humanities	2	PSYCH 332	Psychology of Adolescence	3
PE	Physical Education	½	PE 242	Physiology for Physical Education Majors	4
PE 121	Seasonal Activities	2	PE	Physical Education	½
PE 241	Anatomy for Physical Education Majors	4	ENG 222	Humanities	2
PSYCH 232	General Psychology	3	ART 336	Survey in Craft I	3
Electives		3	Electives		3
Total		16½	Total		17½

Third Year

First Semester			Second Semester		
PE 336	Organization, Administrative, Supervision of Health Physical Education and Recreation	3	HIST 332	American Government	3
PE 333	Kinesiology	3	PE 232	Gymnastics	3
PE 334	Social & Community Health	2	PE 332	Coaching & Officiating	2
PE 331	Coaching & Officiating	2	PE 222	First Aid & Safety	2
PE 321	Introduction to Recreation	2	PE 234	Principles of Physical Education	3
EDUCA 223	Reading	3			
Electives		2			
Total		17	Total		13

Fourth Year

First Semester			Second Semester		
PHIL 431	General Education: Origin of Beliefs or Ethics	3	EDUCA 313	Reading	3
PHIL 432	Ethics	3	PE 323	Community Recreation	2
PE 335	Adaptive & Corrective Physical Education	3	PE 232	Principles & Practices of Outdoor Recreation	2
EDUCA 349	Methods and Materials in Health and Physical Education	2	PE 422	Practices & Procedures of Physical Education	2
EDUCA 428	Educational Media	2	PE 433	Dance	2
Electives		6	PE 432	Tests and Measurements	2
			Electives		3
Total		16	Total		16

General Education Requirements**Descriptive Title**

PE	104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115 Required Physical Education	1½
ENG 121	Speech	2
ENG 131-132	English Composition	6
ENG 221-222	Humanities	4
SOC 132	Introduction to Sociology	3
HIST 133- 134	World Civilization	6
PSYCH 232	General Psychology	3
PSYCH 332	Psychology of Adolescence	3
MATH 130	Fundamentals of Mathematics	3
PHIL 431	General Education: Origin of Beliefs or	
PHIL 432	Ethics	3
GOVT 332	American Government	3
ENG 122-123	Reading	4
EDUCA 111	Freshman Orientation	½
PE 100	Personal Hygiene	½
	Total	42½

Courses from which required electives may be taken.**Descriptive Title**

CHEM 133	Man and His Environment	3
CHEM 131	Physical Science	3
BIOL 131	Fundamentals of Biology	3
BIOL 142	Botany	4
PE 430	Instruction in Hygiene	2
SOC 327	Race Relations in the United States	2
PE 123	Personal Health	2
PE 421	Practice and Procedure in Health	2
EDUCA 428	Educational Media	2
EDUCA 233	Foundations of Education	3
	Total	26

Required Courses in the Major Area**Descriptive Title**

PE 121	Personal Health	2
PE 241	Anatomy for Physical Education Majors	4
PE 121-122	Seasonal Activities	4
PE 242	Physiology for Physical Education Majors	4
PE 336	Organization, Administration, Supervision of Health, Physical Education and Recreation	3
PE 334	Social and Community Health	2
PE 331-332	Athletic Coaching and Officiating	4
PE 232	Gymnastics	3
PE 335	Adaptive and Corrective Physical Education	3
PE 234	Principles of Physical Education	3
PE 322	Principles and Practices of Outdoor Activities	2
PE 118	Beginning Swimming	1
PE 433	Dance: Modern Folk and Square	4
PE 432	Tests and Measurement	2
PE 221	First Aid, Safety, Prevention Athletic Injuries	2
PE 333	Kinesiology	3
PE 323	Community Recreation	3
PE 421	422 Practice and Procedure in Physical Education	2
PE 321	Introduction to Recreation and Leisure Activities	2
EDUCA 223	Reading	3
PE 231	Introduction to Physical Education	3
	Total	59

Description of Courses

PE 100. PERSONAL HYGIENE. This course is designed to give the fundamental laws for the maintenance of health and hygiene and the conditions that promote healthful living. It deals with problems surrounding drug and alcohol abuse. In addition, the health and hygiene living aspects of the individual and group will be viewed as being beneficial to the student in a college, a home, or an environmental setting.

The course will explore the available means of securing information concerning personal hygiene and how best to use the information by means of lectures, discussions, and reports. (½ required) Fall or Spring.

PE 104. VOLLEYBALL. This course covers the fundamental knowledge, techniques, and practical skills of volleyball as a team sport. Credit ½ s.h. (Two periods per week). Fee: \$3.00.

PE 104. BASKETBALL. This team sport activity deals with fundamental skills, techniques, knowledge and participation in basketball as a team sport. Credit 1/2 s.h. (Two periods per week). Fee: \$3.00.

PE 105. BASEBALL. This team sport is geared to the interests and needs of the students. This course deals with all aspects on the sport of baseball as an activity geared toward team play. Credit 1/2 s.h. (Two periods per week). Fee: \$3.00.

PE 105. SOFTBALL. This course deals with basic knowledge, techniques, and the practice of fundamental skills of softball. Credit 1/2 s.h. (Two periods per week). Fee: \$3.00.

PE 106. GYMNASTICS, TUMBLING & TRAMPOLINE. This course is planned for the development of basic knowledge, techniques and fundamental skills on apparatus and stunts and tumbling. Credit 1/2 s.h. (Two periods per week). Fee: \$3.00.

PE 107. BADMINTON. This course covers the fundamental skills and knowledge of the sport. This course deals with participation and activity as an individual and team sport. Credit 1/2 s.h. (Two periods per week). Fee: \$3.00.

PE 107. TENNIS. This course offers a fundamental knowledge of basic skills needed to enjoy and participate in tennis as an individual or team sport. The activity is geared to the needs and interests of the students in the net activity and will provide instruction in tennis. Credit 1/2 s.h. (Two periods per week). Fee: \$3.00.

PE 108. ARCHERY. This course includes an analysis of the basic knowledge techniques, fundamental skills and participation in archery. This activity is geared to the needs and interests of the individual students. Credit 1/2 s.h. (Two periods per week). Fee: \$3.00.

PE 109. TRACK AND FIELD. This course covers the basic knowledge, practices, techniques, and fundamentals of track and field. Credit 1/2 s.h. (Two periods per week). Fee: \$3.00.

PE 110. GOLF. This course deals with the fundamental skills, knowledge, techniques, history, strategies, terminology, and participation in the sport. Credit 1/2 s.h. (Two periods per week). Fee: \$3.00.

PE 110. BOWLING. This course covers the basic knowledge, techniques and practices of fundamental skills of bowling. Credit 1/2 s.h. (Two periods per week). Fee: \$3.00.

PE 111. TOUCH FOOTBALL. This course covers the basic knowledge of the sport of touch football. Students will have the opportunity to play the sport. Credit 1/2 s.h. (Two periods per week). Fee: \$3.00.

PE 111. SOCCER. This course deals with fundamental knowledge, techniques and practices of the fundamental skills of soccer. Credit 1/2 s.h. (Two periods per week). Fee: \$3.00.

PE 112. SPEEDBALL. In this course, students will cover the basic knowledge of the sport of speedball and have an opportunity to participate in team play. Credit 1/2 s.h. (Two periods per week). Fee: \$3.00.

PE 113. SHUFFLEBOARD. This course is planned for the development of basic skills in performance. Credit 1/2 s.h. (Two periods per week). Fee: \$3.00.

PE 114. RECREATIONAL ACTIVITIES. This course is designed for the student who needs the required adaptive P.E. program. It involves such activities as quiet games, horseshoes, bowling, paddle tennis, badminton golf. Credit $\frac{1}{2}$ s.h. (Two periods per week). Fee: \$3.00.

PE 115. SQUARE, SOCIAL AND FOLK DANCE. This course offers a knowledge of rhythms basic to the development of performance, ability, and skill in the execution of natural activities. Credit $\frac{1}{2}$ s.h. (Two periods per week). Fee: \$3.00.

NOTE: The above may be substituted for P.E. 101, 102, 201, or 202, which were discontinued.

All entering Freshmen and new students who have not satisfactorily passed a college course in Personal Hygiene must take and satisfactorily pass the course in Personal Hygiene.

NOTE: Students are not permitted to enroll in the same course numbers and activities more than one (1) time in meeting their course requirements in the required Physical Education program.

PE 118. BEGINNING SWIMMING. This course is designed to develop skills in the execution of the accepted styles of swimming, with special attention given to individual needs. (1) Summer. Fee: \$10.00.

PE 119. INTERMEDIATE SWIMMING. Continuation of techniques of Elementary Swimming with emphasis on the development of skills in the basic or standard swimming strokes. Prerequisite: P.E. 118 (1) Summer. Fee: \$10.00.

PE 121 and 122. SEASONAL ACTIVITIES. The development of skills and techniques in individual, dual activities, team, recreational, and life activities for various seasons is stressed. Emphasis is also placed on individual and group physical fitness tests. REQUIRED OF ALL MAJORS. (2) Fall and Spring.

PE 123. PERSONAL HEALTH. This course provides the student with a thorough foundation in health facts, both personal and community, upon which he can build sound principles of instruction. Elective (2) Fall and Spring.

PE 221. FIRST AID, SAFETY, AND PREVENTION AND TREATMENT OF ATHLETIC INJURIES. This lecture laboratory course is designated to give the students a knowledge of first aid measures, the care of first aid measures, the care of injuries. Consideration is given to home, schools, occupation, and recreation as well as prevention and care of athletic injuries. REQUIRED OF ALL MAJORS. (2) Fall and Spring. Fee: \$3.00.

PE 231. INTRODUCTION TO PHYSICAL EDUCATION. Orientation to the Physical Education profession in regards to history, objectives, relationships, professional organization and the importance of the field in American life. The student is afforded the opportunity to evaluate his own personal fitness for the profession. REQUIRED OF ALL MAJORS. (3) Fall and Spring.

PE 232. GYMNASTICS, TUMBLING, AND APPARATUS. A method course in how to teach the basic skills, techniques and fundamentals of gymnastics, tumbling, and apparatus activities that are found in the elementary and secondary schools. This course is also planned for the development of basic skills in the performance of apparatus and tumbling techniques. REQUIRED OF ALL MAJORS. (3) Fall and Spring.

PE 234. PRINCIPLES OF HEALTH AND PHYSICAL EDUCATION. This course covers the history and foundations of the science of Health and Physical Educa-

tion from the professional viewpoint. Stresses the principles involved regarding the facts of Anatomy, Physiology, Sociology, and Psychology, the foundation and evaluation of principles. REQUIRED OF ALL MAJORS. (3) Spring.

PE 241. HUMAN ANATOMY. Fundamentals of anatomy as they apply to areas of Health and Physical Education. Much attention is given to the structure of the human body and the skeletal system. REQUIRED OF ALL MAJORS. (3) Spring.

PE 242. PHYSIOLOGY FOR PHYSICAL EDUCATION MAJORS. A lecture and laboratory course designed to teach fundamentals of anatomy as they apply to the human body with reference to Health and Physical Education. Prerequisite: Anatomy. REQUIRED OF ALL MAJORS. (4) Spring. One hour laboratory period per week. Fee: \$7.50.

PE 321. INTRODUCTION TO RECREATION AND OUTDOOR EDUCATION. This course introduces the students to the basic factors involved in recreation and leisure time activities. Attention is focused upon the role played by the recreation leader in promoting leisure time. Students will be introduced to arts and crafts that are used in Physical Education and recreation programs. REQUIRED OF NON-CERTIFICATION MAJORS. (2) Fall & Spring.

PE 322. PRINCIPLES AND PRACTICES OF OUTDOOR RECREATION. A course designed to meet the needs of students who work in the area of outdoor activities of a recreational nature. It gives a general survey of the outdoor services and recreation movement. (2) Spring and Fall.

PE 323. COMMUNITY RECREATION. This course is designed to meet the needs of those students who will work outside the school and devote their energies in recreational work in the community. This course stresses the knowledge of the development, structure, purpose, functions and interrelations of private, public, voluntary, military, and commercial agencies which render recreation services. Students are required to spend four (4) weeks in an approved recreational center as a field experience. This course is required of all majors who do not enroll in Student Teaching (EDUC. 461 or 462). (2) Fall or Spring. Fee: \$17.50.

PE 330. SCHOOL HEALTH EDUCATION. Study of the modern school Health Education Programs; its organizational methods and materials of instruction. Special attention is given to the health status of the school child and his problems. Elective (3) Spring or Fall.

PE 331-332. ATHLETIC COACHING AND OFFICIATING. This course is offered for majors desiring to qualify for coaching and officiating in the major and minor varsity sports. Considerable emphasis is placed on the Intramural Sports Program for men and women. Also, considerable emphasis is placed upon rules governing these sports, along with systems, strategies and modern techniques of instruction. Majors may qualify as Directors of intramural programs after completion of both courses. Prerequisites: HPE 121 and 122, open to qualified Juniors and Seniors. Required of all majors. (2) Fall and Spring.

PE 333. KINESIOLOGY. This course includes a study of muscular action and the mechanics of body movements involved in a variety of actions and of selected physical activities with analysis of the effect of muscular and gravitational forces. Prerequisites: Anatomy 241 and Physiology 242. REQUIRED OF ALL MAJORS. (3) Fall. Fee: \$7.50.

PE 334. SOCIAL AND COMMUNITY HEALTH. This course is designed to study the social aspects of the problems of the health and physical well-being of the individual and community. Much interest and attention are given to community health problems and some effective ways and means of implementing health services, health counseling, screening and care of emergency illnesses within the school, the community and the home. REQUIRED OF ALL MAJORS. (2) Fall.

PE 335. CORRECTIVE AND ADAPTIVE PHYSICAL EDUCATION. This course deals with the cause of various common physical handicaps, their methods and fundamentals of principles in the selection and adaption of activities given in corrective procedures. Prerequisites: Anatomy, Physiology, Kinesiology. REQUIRED. (3) Spring.

PE 336. ORGANIZATION, ADMINISTRATION, AND SUPERVISION OF HEALTH, PHYSICAL EDUCATION AND RECREATION. This course is designed to meet the needs of students who will plan, direct, supervise, and construct Health and Physical Education and Recreation Programs. Special emphasis is placed on organization, supervision, and administration. Prerequisite to Introduction to Physical Education 231, and Principles of Physical Education. REQUIRED. (3) Fall.

PE 421. PRACTICES AND PROCEDURES IN HEALTH. This course deals with the current practices in Health Education for elementary schools and gives a survey of the materials available for teaching health to children at the elementary level. (2) Fall and Spring.

PE 422. PRACTICES AND PROCEDURES IN PHYSICAL EDUCATION FOR ELEMENTARY SCHOOLS. For those concerned with Physical Education at the primary and grammar grade levels. (2) Fall and Spring.

PE 423. HYGIENE FOR TEACHERS AND HEALTH WORKERS. This course is designed to meet the needs of teachers in elementary schools. In it, the mental and physical growth and development of the child are studied. Elective. (3) Spring.

PE 430. INSTRUCTION IN HYGIENE. The work of this course is designed to meet the needs of teachers in secondary schools. Stress is placed on the hygiene of the child's mental growth. Elective. (2) Fall and Spring.

PE 432. TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION. This course is designed to acquaint students with tests and measurements in the field of Physical Education, test construction and scoring. Open to Juniors and Seniors. REQUIRED OF ALL MAJORS. (2) Fall and Spring.

PE 433. DANCE. Methods and materials on Folk and Square and Modern Dance in the elementary and secondary schools. This course deals with the fundamental skills suitable for prospective teachers as well as skill development for those who like to dance. Dance of many countries as related to their customs, mores, tradition. REQUIRED OF ALL MAJORS. (2) Fall and Spring.

PE 434. INTRODUCTION TO SPORTS PHILOSOPHY. This course is designed as an introductory course dealing with the philosophies of educators working in the field of Physical Education and Athletics. The course will give the student an opportunity to discuss sports in an educational setting and will offer the student a new frame of reference for sports activities. Elective. (2) Spring

DIVISION OF HUMANITIES

DEPARTMENT OF ENGLISH

OBJECTIVE

The study of English as a discipline of the humanities has as its intent the development of the student's individual ability to read, to think, and to write effectively. To this end, the department offers a broad program aimed at cultivating within its students an understanding of and competence in the basic communication skills of the English language. Instruction includes a developmental reading program which reinforces and extends the desirable reading skills basic to comprehension and enjoyment of advanced and complex forms of communication.

The study of literature includes the history of the English language and works written in the English language as well as those translated from other languages. Literature is considered as a fine art, as a comprehensive cultural record, and as a guide to the student's interpretation of his/her life experiences. Such a comprehensive, cultural, literary study includes writers relevant to students of Afro-American studies. The general purposes of this study are the broadening of the student's understanding and enjoyment of literature, the development within the student a basis for intelligent criticism, and the provision of a foundation for further study in the field.

REQUIREMENTS IN ENGLISH

Since English is indispensable to learning in all areas, the college requires that all students meet the following requirements in the department:

1. English 121, 122-123, 131-132, 221 and 222 are required of all students.

In addition to the general college requirements in the department, English majors are required to satisfy the following criteria and complete the following courses:

1. An English major is required to make a grade of at least "C" in both English 131 and English 132.

2. English majors must complete the following with a grade of "C" or better: English 224, 227, 231-232, 233, 253, 328-329, 331-332, 337, 433, 431, 432.

3. English majors who wish to certify for secondary teaching must take the following: English 333, 339, 345.

4. All English majors must take an English comprehensive examination prior to graduation. The examination is given twice each year. Students working toward teacher certification must take the English comprehensive examination prior to doing their practice teaching.

General Education Requirements
Descriptive Title

EDUC 111	Freshman Orientation	½
ENG 121	Speech	2
ENG 122-123	Reading	4
ENG 131-132	English Composition	6
HPE 100	Personal Hygiene	½
PE	Physical Education	1½
Modern Foreign Language		6
Fren 131-132		
Germ 131-132		
Span 131-132		
HIST 133-134	World Civilization	6
BIOL 131	Fund. of Biology	3
CHEM 131	Physical Science	3
MATH 130	Fundamentals of Math	3
ENG 221-222	Humanities	4
PHIL 431	Origin of Beliefs	3
or		
PHIL 432	Ethics	
SOC 132	Introd. to Sociology	3
or		
ECON 235	Prin. of Economics	3
or		
SOC 233	Cultural Anthropology	3
	Total	51½

Required Courses in the Major Area
Descriptive Title

ENG 224	Modern Grammar	3
ENG 227	Afro-American Lit.	3
ENG 231-232	World Literature	6
ENG 233	Advanced Composition	3
ENG 253	Literary Terms	3
ENG 328-329	American Literature	6
ENG 331-332	English Literature	6
ENG 337	English Language	3
ENG 431	Shakespeare	2
ENG 433	Romantic Period	3
ENG 432	Victorian Period	3
	Total	41

Major Elective Courses
Descriptive Title

ENG 234	Introduction to Drama	3
ENG 235	Modern African Lit.	3
ENG 333	Journalism	3
ENG 339	Reading Problems	3
ENG 434	18th Century	3
ENG 343	Contemporary British and American Lit.	3
ENG 435	English Seminar	3
CRC-Courses in Communications (Radio-TV-Film)		
RTV 155	Fundamentals of RTV-F	
RTV 281	Hist. of Broadcasting	
RTV 322	Mod. Radio Production	
RTV 323	Television Production	
RTV 324	Basic Cinematography	
RTV 327	Education and Public Broadcasting	
RTV 328	Writing for Radio-TV-Film	
RTV 412	Research Methods in Communication	

Non-teaching majors must take 33 hours of electives of which 9 (nine) must be from the above list of Major Elective Courses.

Teaching majors may take electives as schedules permit.

**SAMPLE SEQUENCE FOR TEACHER TRAINEE WITH EMPHASIS IN ENGLISH
(Revised)**

First Year

First Semester			Second Semester		
Descriptive	Title		Descriptive	Title	
ENG 131	English Composition	3	ENG 132	English Composition	3
HIST 133	World Civilization	3	SOC 132	Introd. to Sociology or	
BIOL 131	Biology	3	SOC 233	Cultural Anthropology or	
MATH 130	Fundamentals of Math.	3	ECON 235	Prin. of Economics	3
PE 100	Personal Hygiene	½	HIST 134	World Civilization	3
EDUCA 111	Freshman Orientation	½	CHEM 131	Physical Science	3
ENG 122	Reading	2	PE 104	Phy. Education	½
FREN 231	French* or		ENG 123	Reading	2
GERM 231	German* or		FREN 232	French* or	
SPAN 231	Spanish*	3	GERM 232	German* or	
			SPAN 232	Spanish*	3
Total		18	Total		17½

Second Year

First Semester			Second Semester		
ENG 231	World Literature	3	ENG 232	World Literature	3
ENG 233	Advanced Composition	3	ENG 224	Modern Grammar	3
ENG 221	Humanities	2	ENG 222	Humanities	2
PE 105	Phy. Education	½	EDUCA 233	Foundations of Educ.	3
PSYCH 232	Gen. Psychology	3	PSYCH 332	Psychology of Adol.	3
ENG 121	Speech	2	PE 106	Phy. Education	½
Electives		1-2	Electives		1-2
Total		14½ - 15½	Total		15½ - 16½

Third Year

First Semester			Second Semester		
ENG 331	English Literature	3	ENG 332	English Literature	3
ENG 328	American Literature	3	ENG 329	American Literature	3
ENG 337	English Language	3	ENG 431	Shakespeare	3
ENG 333	Journalism	3	ENG 339	Reading Problems	3
Electives		3	EDUCA 345	The Teaching of English	3
Total		15	Total		15

* One year intermediate course is required, provided that the student has taken two years of the same foreign language in high school or can pass a foreign language proficiency test. If the student has taken less than two years of the same foreign language in high school the student must take two years of one foreign language in college with a grade no lower than "C".

Fourth Year

First Semester			Second Semester		
EDUCA 432	Tests & Measurements	3	ENG 432	Victorian Period	3
EDUCA 461	Student Teaching	6	PHIL 431	General Education: Origin of Beliefs or	
EDUCA 428	Educational Media	2	PHIL 432	Ethics	3
EDUCA 331	Prin. of Secondary Education	2	ENG 433	Romantic Period	3
PSYCH 321	Educational Psychology	3	Electives		5
Total		16	Total		14

Note: See Statements under (1) Directed Observation and Early Participation and (2) Student Teaching on page 89.

DEPARTMENT OF ENGLISH

Sample Sequence for Non-Teaching Majors in English

First Year				
First Semester		Second Semester		
Descriptive	Title	Descriptive	Title	
ENG 122	Reading	2	ENG 123 Reading	2
ENG 131	Composition	3	ENG 132 Composition	3
HIST 133	World Civilization	3	HIST 134 World Civilization	3
BIOL 131	Biology	3	CHEM 131 Physical Science	3
PE	Personal Hygiene	½	PE 104 Physical Educa.	½
EDUC 111	Freshman Orientation	½	Modern Foreign Language	3
Modern Foreign Language		3	Fren 132 or	
Fren 131 or			Germ 132 or	
Germ 131 or			Span 132	
Span 131			ENG 121 Speech	2
Total		17	Total	16½

Second Year					
First Semester			Second Semester		
Descriptive	Title		Descriptive	Title	
ENG 221	Humanities	2	ENG 222	Humanities	2
ENG 231	World Literature		ENG 232	World Literature	3
ENG 233	Advanced Composition	3	ENG 224	Modern Grammar	3
PE 105	Physical Educa.	½	PE	Physical Educa.	½
MATH 130	Fundamentals of Math	3	SOC 132	Introd. to Sociology or	3
PSYCH 232	General Psychology	3	SOC 233	Cultural Anthro or	
ENG 253	Literary Terms	3	ECON 235		
			Electives		6
	Total	14½		Total	17½

Third Year					
First Semester			Second Semester		
Descriptive	Title		Descriptive	Title	
ENG 331	English Literature	3	ENG 332	English Literature	3
ENG 328	American Literature	3	ENG 329	American Literature	3
ENG 337	English Language	3	Electives		8
Electives		6			
	Total	15		Total	14

Fourth Year				
First Semester		Second Semester		
Descriptive	Title	Descriptive	Title	
ENG 432	Victorian Period	3	ENG 433 Romantic Period	3
ENG 431	Shakespeare	3	ENG 227 Afro-American	3
PHIL 431	Origin of Beliefs or	3	Electives	7
PHIL 432	Ethics			
Electives		6		
Total		15	Total	13

DESCRIPTION OF COURSES

ENG 121. SPEECH. A study of the fundamental theory and practice of extemporaneous and environmental speaking are stressed. (2) Fall.

ENG 122-123. READING. This course utilizes all subject content areas to continue the upward expansion of students' reading skills and abilities in all courses. All freshmen are placed in the reading program based on diagnostic test results and continue in it for two semesters. During the first semester, special emphasis

is placed on developing vocabulary, improving comprehension, and refining study skills. The second semester is devoted to critical reading, power and speed reading, and reading for pleasure and recreation. **(2) Fall, (2) Spring.**

ENG 131-132. ENGLISH COMPOSITION. A course in the elements of composition from conception through revision. After a brief review of grammar and punctuation, the course proceeds through the sentence and the paragraph to the full composition. Attention is given to the forms of discourse as exemplified by skilled essayists. In the second semester, special attention is given to the problems of reports, argument, literary analysis, and research. **(3) Fall, (3) Spring.**

ENG 221-222. HUMANITIES. Humanities is an interdisciplinary two-semester sequential course which is designed to offer insights into understanding man. The purpose of the course is to examine some myths and cultural traits which are reflected in human experiences. Music, the visual arts and literature which includes philosophy, history and non-technical aspects of the behavioral and natural sciences are the various disciplines which comprise the course. Emphasis is placed on the role of humanities toward improving world understanding in contemporary society. Music and art appreciation are also stressed. **(2) Fall, (2) Spring.** Laboratory fee \$3.00 per semester.

ENG 224. MODERN GRAMMAR. A study of the elements and structure of modern English grammar designed for prospective teachers. English 131 and 132 are prerequisites. **(3) Spring.**

ENG 227. AFRO-AMERICAN LITERATURE. The course is a historical survey of writings by American Negroes, with emphasis on major contemporary writers, which culminates in written term projects. It is required of English majors, minors, and elementary education majors with a concentration in English. **(3) Fall or Spring.**

ENG 231-232. WORD LITERATURE. The course aims at a critical and historical study of representative selections of the world's classics in translation. Given in two parts, it emphasizes the continuity of development of literature from the time of ancient Greece to the twentieth century. The course is designed to help the student acquire not only a sound critical approach to the works themselves, but a knowledge of the evolution of human culture, and a warm sense of the kinship of the whole human race. A prerequisite for all future courses in English. **(3) Fall, (3) Spring.**

ENG 233. ADVANCED COMPOSITION. A course in prose style, giving opportunity for creative writing. While studying and practicing prose forms from the simple narrative to the long paper, students are encouraged to develop their own characteristic approaches to writing. **(3) Fall or Spring.**

ENG 234. INTRODUCTION TO DRAMA. A study of drama as literature. **(3) Fall or Spring.**

ENG 235. MODERN AFRICAN LITERATURE. This course is designed to give a survey tracing in literature the development of modern African culture by representative writers. **(3) Fall or Spring.**

ENG 253. INTRODUCTION TO LITERARY TERMS. An intensive course embracing the formal principles of literature. The identification of genres and

the use of the vernacular of literary analysis. This sophomore-level course is required of English majors. **(3) Fall or Spring.**

ENG 328-329. AMERICAN LITERATURE. A study of the major writers of the United States from the Colonial period to the present, the first semester's study ending with the Civil War. While attention is given to the cultural background of each period, the course is focused upon what is unique within the American literary tradition. **(3) Fall, (3) Spring.**

ENG 331-332. ENGLISH LITERATURE. A survey of the major works of the major authors from the beginnings to the present. First semester: *Beowulf* to 1798, and the second semester: Romantics through the contemporaries. **(3) Fall, (3) Spring.**

ENG 333. JOURNALISM. An historical and practical study of the newspaper and journalistic writing, with special attention given to the tasks of reporter and editor. **(3) Fall or Spring.**

ENG 337. THE ENGLISH LANGUAGE. The course is divided into two parts: 1) an historical study of the nature and form of the language from its beginnings to the present, and 2) the study of special topics such as the making of dictionaries, spelling, structural linguistics and transformational grammar, slang, and semantics in early childhood education and other academic areas. **(3) Fall.**

ENG 339. BASIC APPROACHES TO READING PROBLEMS. The course includes a survey of casual factors underlying various reading difficulties in early childhood education and other academic areas and techniques for remediation. **(3) Fall or Spring.**

ENG 343. CONTEMPORARY BRITISH AND AMERICAN LITERATURE. A survey course in twentieth-century English and American Literature. This junior-level course introduces students to the prevailing literary trends and concepts of the twentieth century. **(3) Fall or Spring.**

ENG 431. SHAKESPEARE. A course treating the representative plays of Shakespeare with special consideration of his themes, characters, and language as a mirror of Elizabethan England. **(3) Spring.**

ENG 432. VICTORIAN PERIOD. The works of the great poets and prose writers of the Victorian epoch are studied in light of the historical background, of the intellectual movements, and the literary development of the age. **(3) Fall or Spring.**

ENG 433. THE ROMANTIC PERIOD. A study of the genesis, achievement, and influence of the English Romantics, with major attention devoted to Wordsworth, Coleridge, Shelley, Keats, and Byron. **(3) Spring.**

ENG 434. THE EIGHTEENTH CENTURY. A study of the major writers and writings of the Age of Pope and the Age of Johnson. **(3) Fall or Spring.**

ENG 435. ENGLISH SEMINAR. A special course of intensive study for advanced students. Authors and topics are changed from year to year. Writers who portray African, Afro-American, and international experiences will be studied in depth. **(3) Fall or Spring.**

DEPARTMENT OF COMMUNICATIONS

The Curriculum and Radio Laboratory

The Department of Communications will provide both curricular and co-curricular experiences designed to prepare its majors to become competent media practitioners and well-informed media consumers. The department offers three discrete areas of academic study. Each area emphasizes critical skills that will enhance the majors' opportunities to experience success in their chosen careers. The specific academic thrust of the three Communications concentrations are as follows:

Radio Broadcasting Concentration

Students studying this area of concentration will learn the general operation and management of AM/FM radio facilities. Emphasis will be placed on approaching the field of radio and other media. Thus, students will obtain practical experience, as well as a sound theoretical foundation.

Print Journalism Concentration

This core of concentration will develop new kinds of managers for the news Journalism Enterprise which includes cable, T.V., radio, and the newspaper industries. This program is designed to prepare students to first become skillful newspaper and magazine reporters and researchers. The rigorous course of study will provide both sound in-class practice and actual hands-on experience with the latest in video news editing equipment (video display terminals). Additionally, students will have opportunities to gain direct, work-related experience in this powerful communications medium.

Organizational Communications Concentration

The private and public sectors have begun to put some emphasis on effective communications systems in organizations. This sequence will prepare students to use sound technical and managerial skills to meet the different types of communications needs of various organizations. The student who completes this course of study will have the skills to function in organizations as public relations experts, public information officers, communications managers and corporate educational technologists.

COMM 201. COMMUNICATION SKILLS. This course is designed to extend the concept of purposeful writing and speaking by emphasizing research, organization, clarity in communications, and the use of specialized equipment for the development, examination, and revision of both spoken and written assignments. **Prerequisites: English Composition 131 and 132 (3 credits).**

COMM 202. SURVEY OF MASS COMMUNICATIONS. This course will outline the economic and political implications involved in newspaper, magazine, television, and radio production and their use. **Prerequisites: English Composition 131 and 132. (3 credits).**

COMM 211. WRITING FOR RADIO. A survey course to introduce the fundamentals of writing dramatic and non-dramatic broadcast materials including announcements, informational copy, talk show materials, music continuity plus standard specialized formats. **Prerequisite: Communications Skills with a minimum grade of "C" or better (3 credits).**

COMM 218. NEWSWRITING. A lecture/laboratory course designed to emphasize writing various types of news stories. A study of lead styles and structures of

news stories. A typing speed of at least 30 wpm is required. **Prerequisite: Communication Skills with a grade of "C" or better (3 credits).**

COMM 313. INTRODUCTION TO PUBLIC RELATIONS. A course designed to study the principles of public relations and the public information fields. Practice in developing public relations projects (public relations reporting and surveys of the operations of public relations agencies) will be emphasized. **Prerequisite: Communication Skills (3 credits).**

COMM 314. PHOTO-JOURNALISM. A comprehensive introduction to photography which will include instruction in taking, developing and printing pictures for use in newspapers, magazines and other publications. A 35 mm camera is required. **Prerequisite: Communication Skills (3 credits).**

COMM 321. ORGANIZATIONAL COMMUNICATION. Course emphasizes the importance of communication in the organization. Students will concentrate on communication flow, non-verbal cues, and other factors which have a direct influence on organizational effectiveness. **Prerequisite: Communication Skills (3 credits).**

COMM 328. REPORTING. A continuation of skills taught in newswriting. Students are assigned to cover and report actual news events. **Prerequisite: Newswriting (3 credits).**

COMM 331. BROADCASTING NEWS I. History of broadcast news journalism, reporting, writing, editing for the media. This course will prepare students to put all theory into practical application in part II. **Prerequisite: Writing for Radio (3 credits).**

COMM 332. BROADCAST NEWS II. Advance study of news reporting, writing, and editing, production and on-the-air delivery. Students perform laboratory work using campus broadcast facilities. **Prerequisite: Broadcast News I (3 credits).**

COMM 341. FEATURE WRITING. Practice in developing and writing feature copy for newspaper or magazine publication. In addition, the course will develop student's skill in researching, organizing and writing a human interest feature. **Prerequisite: Reporting (3 credits).**

COMM 401. NEWS EDITING. Designed to give students training in the theory and practice of copy-editing and headline writing. Emphasis is on editing copy manually, as well as on the video display editing terminal. **Prerequisite: Reporting (3 credits).**

COMM 411. RADIO PRODUCTION, PROGRAMMING AND OPERATIONS. The recording and control of sound in studios and on location for radio and television. Introduction to radio production, operations and creative mixing and editing of multiple sound tracks. Station organizations, staff job description and responsibilities. Formats, traffic logs, sales, research, promotion, business procedures, FCC rules and regulations. FCC licensing preparation. **Prerequisite: Broadcast News II (3 credits).**

COMM 422. RADIO LABORATORY. A laboratory course designed to give a student "hands-on" experience under actual station operation conditions. The student will perform in selected staff assignments at the campus radio station. **Prerequisites: Radio Production and Broadcast Management (6 credits).**

COMM 425. NEWSPAPER PRODUCTION. A course which emphasizes both the theoretical and production aspects of producing a newspaper. Concentrates on copy-editing, headline writing and newspaper layout. Field experiences will be provided. **Prerequisite: News Editing (3 credits).**

COMM 427. JOURNALISM PRACTICUM. A practicum designed to provide students with "hands-on" experience through supervised work with campus publications (newspapers, yearbook, newsletters, etc.). Students will have the opportunity to utilize journalistic skills in college public relations campaigns. **Prerequisite: News Editing (3 credits).**

COMM 430. PUBLIC RELATIONS AND PUBLIC INFORMATION. Consists of supervised field experience in planning and directing public relations campaigns and organizing public relations events. Experiences will be provided in public opinion and poll taking. **Prerequisite: Introduction to Public Relations (3 credits).**

COMM 351. MEDIA ARTS. Emphasizes the development of basic design skills which are related to graphic or photographic formats. **Prerequisite: Consent of Chairperson (3 credits).**

COMM 360. MEDIA RESEARCH METHODS. An introduction to the use of documents, observational methods, the interview, and the questionnaire in political and social research as they relate to the media practitioner. **Prerequisite: News Writing (3 credits).**

COMM 415. BROADCAST MANAGEMENT. Study and analysis of problems and situations confronting the manager of the broadcast enterprises as such pertains to personnel, operations, government relations programming and sales. **Prerequisite: Principles of Management (3 credits).**

COMM 435. DIRECTED STUDIES. Individually tailored projects with emphasis on increasing the student's knowledge of the media, to include commercial practices. Selected topics to be determined by student and faculty sponsor. **Prerequisite: Permission of Department Chairperson (3 credits).**

COMM 350. MEDIA LAW. A survey course examining the laws governing the mass communications industry. Course includes an examination of the concept of freedom of speech and press, specific laws and alternative interpretations of those laws, federal regulatory agencies, rights in news and advertising, libel, slander, copyrights, and invasion of privacy. **Prerequisite: Junior or Senior Status (3 credits).**

COMM 457. SEMINAR IN SPECIAL COMMUNICATIONS TOPICS. Course organized per semester to study a particular subject in broadcast communications. Topics change as needs and resources develop. Class discussion, readings and individual projects. **Prerequisite: Senior Status (3 credits).**

COMM 458. INTERNSHIP. Course designed for field work. This course offers students an opportunity to work part-time in professional media facilities in Raleigh. **Prerequisite: Senior Status (3 credits).**

CONCENTRATION IN RADIO BROADCASTING

First Year					
First Semester			Second Semester		
Descriptive	Title		Descriptive	Title	
ENG 122	Reading	2	ENG 123	Reading	2
ENG 131	Composition	3	ENG 132	Composition	3
HIST 133	World Civilization	3	HIST 134	World Civilization	3
BIO 131	Biology	3	CHEM 131	Physical Science	3
PE 100	Personal Hygiene	½	PE	Physical Education	½
EDUCA 111	Freshman Orientation	½	132	Foreign Language	3
131	Foreign Language	3	ENG 121	Speech	2
Total		18	Total		16½

Second Year					
First Semester			Second Semester		
Descriptive	Title		Descriptive	Title	
ENG 221	Humanities	2	ENG 222	Humanities	2
PHIL 432	Ethics	3	PE 106	Physical Education	½
COMM 201	Communication Skills	3	SOC 132	Intro. to Sociology	3
ENG 233	Advance Composition	3	COMM 211	Writing for Radio	3
COMM 202	Survey of Mass Comm.	3	BUS 132	Intro. to Business	3
Total		14	Total		14½

Third Year					
First Semester			Second Semester		
Descriptive	Title		Descriptive	Title	
COMM 331	Broadcast News I	3	COMM 332	Broadcast News II	3
EDUC 428	Educational Media	3	BUS 232	Elem. Typing	2
BUS 252	Prin. of Management	3	ENG 224	Modern Grammar	3
COMM 328	Reporting	3	COMM 341	Feature Writing	3
COMM 313	Intro. to Public Relations	3	COMM 314	Organizational Comm.	3
Total		15	Total		14

Fourth Year					
First Semester			Second Semester		
Descriptive	Title		Descriptive	Title	
COMM 411	Radio Production, Programming and Operations	3	COMM 422	Radio Laboratory	3
COMM 415	Broadcast Management	3	COMM 453	Internship	3
COMM 350	Media Law	3	COMM 360	Major Elective (1)	3
	Major Electives (2)	6		Media Research	3
Total		15		General Elective (1)	3
			Total		15

CONCENTRATION IN PRINT JOURNALISM

		First Year			
First Semester				Second Semester	
Descriptive	Title			Descriptive	Title
ENG 122	Reading	2		ENG 123	Reading
ENG 131	Composition	3		ENG 132	Composition
HIST 134	World Civilization	3		HIST 134	World Civilization
BIOL 131	Biology	3		CHEM 131	Physical Science
PE 100	Personal Hygiene	1½		132	Foreign Language
131	Foreign Language	3		ENG 121	Speech
EDUCA 131	Freshman Orientation	1½			
Total		15		Total	16

		Second Year			
First Semester				Second Semester	
Descriptive	Title			Descriptive	Title
ENG 221	Humanities	2		ENG 222	Humanities
PHIL 432	Ethics	3		PE 106	Physical Education
COMM 201	Communication Skills	3		SOC 132	Intro. to Sociology
	General Electives (2)	6		COMM 218	Newswriting
COMM 202	Survey of Mass Comm.	3		BUS 132	Intro. to Business
				BUS 232	Elem. Typing
Total		17		Total	13½

		Third Year			
First Semester				Second Semester	
Descriptive	Title			Descriptive	Title
COMM 328	Reporting	3		COMM 314	Photojournalism
	General Electives (2)	6		COMM 341	Feature Writing
	Major Electives (2)	6		COMM 360	Media Research
					General Elective (1)
Total		15			Major Elective (1)
				Total	15

		Fourth Year			
First Semester				Second Semester	
Descriptive	Title			Descriptive	Title
COMM 401	News Editing	3		COMM 425	Newspaper Prod.
	Major Electives (2)	6			Major Electives (2)
	General Elective (1)	3			General Elective (1)
COMM 427	Journalism Practicum	3		COMM 458	Internship
Total		15		Total	15

CONCENTRATION IN ORGANIZATIONAL COMMUNICATIONS

First Year			
First Semester		Second Semester	
Descriptive Title		Descriptive Title	
ENG 122 Reading	2	ENG 123 Reading	2
ENG 131 Composition	3	ENG 132 Composition	3
HIST 134 World Civilization	3	HIST 134 World Civilization	3
BIOL 131 Biology	3	CHEM 131 Physical Science	3
PE 100 Personal Hygiene	½	132 Foreign Language	3
EDUCA 131 Freshman Orientation	½	ENG 121 Speech	2
131 Foreign Language	3	PE 101 Physical Education	½
Total	15	Total	16½

Second Year			
First Semester		Second Semester	
Descriptive Title		Descriptive Title	
ENG 221 Humanities	2	ENG 222 Humanities	2
PHIL 432 Ethics	3	PE 106 Physical Education	½
COMM 201 Communication Skills	3	SOC 132 Intro. to Sociology	3
General Electives (2)	6	COMM 218 Newswriting	3
		BUS 232 Elem. Typing	2
		EDUC 428 Educational Media	3
Total	14½	Total	13½

Third Year			
First Semester		Second Semester	
Descriptive Title		Descriptive Title	
COMM 328 Reporting	3	COMM 314 Photo-Journalism	3
General Electives (2)	6	COMM 341 Feature Writing	3
Major Elective (1)	3	COMM 360 Media Research	3
COMM 313 Intro. to Public Relations	3	General Electives (3)	6
		Major Electives (3)	3
Total	15	Total	18

Fourth Year			
First Semester		Second Semester	
Descriptive Title		Descriptive Title	
COMM 401 News Editing	3	COMM 425 Newspaper Prod.	3
COMM 321 Organizational Comm.	3	Major Electives (2)	6
General Elective (1)	3	General Elective (1)	3
Major Electives (2)	6	COMM 458 Internship	3
Total	15	Total	15

SPECIAL NOTES AND REQUIREMENTS

There are three major sequences offered by the Department of Communications; namely, Radio Broadcasting, Print Journalism and Organizational Communications. Students are required to take from 30-33 hours of required courses in order to concentrate in any of these three sequences. Additionally, the student is expected to select 21 hours of major electives from the remaining communications offerings. Students are required to choose 24 hours of general electives in order to complete the major requirements. Suggested general electives are:

Introduction to Computers	Introduction to Drama
Introduction to Business	Cultural Anthropology
Principles of Accounting	Economics
Business Communications	Advanced Composition
Elementary Typing	Political Science
Principles of Marketing	World Literature I and II
Principles of Management	Music Appreciation
Advertising	American Music
Color and Design	Afro-American Music
Modern Grammar	Educational Media
Afro-American Literature	General Psychology

All students majoring in Communications should take Communication Skills and pass all major courses with a minimum grade of "C".

The major electives are those remaining communications courses that are not listed as required courses in a student's desired area of concentration. Major electives are:

Survey of Mass Communications	Radio Production,
Writing for Radio	Programming & Operations
Newswriting	Radio Laboratory
Introduction to Public Relations	Newspaper Production
Photo-Journalism	Public Relations
Organizational Communications	& Public Information
Reporting	Media Arts
Broadcast News I	Media Research Methods
Broadcast News II	Broadcast Management
Feature Writing	Directed Studies
News Editing	Media Law
Seminar in Special Communications Topics	

General Education Requirements

The following general education requirements should be completed by students concentrating in all three sequences (Radio Broadcasting, Print Journalism, and Organizational Communications).

EDUC	111	Freshman Orientation	½
ENG	121	Speech	2
ENG	122-123	Reading	4
ENG	131-132	English Composition	6
PE	100	Personal Hygiene	½
PE		Physical Education	1½
Modern Foreign Languages			6
FREN	131-132		
GERM	131-132		
SPAN	131-132		
HIST	133-134	World Civilization	6
BIOL	131	Fundamentals of Biology	3
CHEM	131	Physical Science	3
MATH	130	Fundamentals of Math	3
ENG	221-222	Humanities	4
PHIL	431	Origin of Beliefs	
or			
PHIL	432	Ethics	3
SOC	132	Introduction to Sociology	3
or			
ECON	235	Principles of Economics	3
or			
SOC	233	Cultural Anthropology	3
Total			<hr/> 51½
			credit hours

All majors who are in the Communications Department and who fulfill all requirements will be awarded the Bachelor of Arts degree.

DEPARTMENT OF MODERN FOREIGN LANGUAGES

OBJECTIVES

The Department of Modern Foreign Languages is organized to meet:

- a. The general requirements of the college as one of its basic disciplines for a bachelor's degree.
- b. The specific requirements of the various departments.
- c. The specific requirements of those wishing to major in a foreign language in order to prepare themselves to teach, to do graduate work, or use a foreign language in their business or professional careers.

By means of classroom instruction, student participation, language laboratory, aural-oral drills, the student in languages will be able to read and write with reasonable clarity in the language, understand, and make himself-herself understood when the language is used orally.

Any language major must take at least two semesters of a second language.

A minimum of 36 hours will be required in courses from the student who majors in a modern foreign language.

A student who completes 18-21 hours in a second language will be considered to have a minor in that area.

Elementary and Intermediate levels of modern foreign languages (French, Spanish or German) will provide instruction for students majoring in business and also for students wishing a general study of language and culture.

The following proposed sequences are shown for students majoring in French. Similar programs, both for teacher trainees and for language majors, can be arranged for Spanish and German. This is done with the approval of the student's advisor, and with the approval of the Office of the Vice President for Academic Affairs of the college. In Spanish and German, advanced courses leading to an undergraduate degree may be taken at one of the other institutions in the Cooperating Raleigh Colleges: namely, Meredith College, North Carolina State University, Peace College and Shaw University.

In addition to the General Education Requirements of the college, majors are required to complete the following courses:

FRENCH 235-236, 331,332, 334-335, 338-339, 401, 431, and a second language as the sequence indicates.

Elementary and intermediate courses in a foreign language may be waived for majors on verification of adequate preparation by placement testing.

General Education

Descriptive Title	
EDU 111 Fresh. Orientation	½
ENG 121 Speech	2
ENG 122-123 Reading	4
ENG 131-132 English Composition	6
HIST 133-134 World Civilization	6
BIOL 131 Biology	3
CHEM 131 Physical Science	3
SOC 132 Sociology or	
SOC 133 Cultural Anth. or	
ECON 235 Economics	3
PHIL 431 Origin of Beliefs or	
PHIL 432 Ethics	3
HPE 100,104,105,106 Health and	
Physical Education	2
ENG 221-222 Humanities	4
MATH 130 Fund. of Math	3
PSYCH 232 General Psych.	3
Total	42½

Required Courses in Major

Descriptive Title	
FREN 235-236 Conversation and	
Reading	6
FREN 331-332 Surv. French Lit.	6
FREN 334-335 17th-18th Century	6
FREN 338-339 19th Century	6
FREN 401 20th Century	3
FREN 431 Senior Seminar I	3

SECOND LANG:

FREN 131-2 or	
SPAN 131-2 or	
GERM 131-2	6
Total	36

Major Elective Courses

Descriptive Title	
FREN 333 Civilization	3
FREN 336 Black Writers	3
LANG 233-234 Business Comm.	6
LANG 337 Scriptural Readings	3
FREN 432 Senior Sem. II	3
SECOND LANG Intermediate	6
	24
Education Sequence	
Descriptive Title	
EDU 223 Teaching Reading	3
EDU 233 Found. of Educa.	3
EDU 431 Prin. of Second. Ed.	3
EDU 346 Methods and Mats.	2
EDU 321 Education Psych.	3
EDU 432 Tests and Meas.	3
EDU 428 Educational Media	2
EDU 462 Student Teaching	6
PSYCH 331 Child Dev. II or	
PSYCH 332 Psych. of Adol.	3
	28

SAMPLE SEQUENCE OF COURSES FOR A MAJOR IN FRENCH

First Year

First Semester		Second Semester	
Descriptive Title		Description Title	
FREN 131 Elementary	0	FREN 132 Elementary	0
FREN 231 Intermediate	3	FREN 232 Intermediate	3
BIOL 131 Biology	3	CHEM 131 Physical Science	3
EDUC 111 Fresh. Orient.	½	ENG 121 Speech	2
HIST 133 World Civ.	3	ENG 132 English Comp.	3
MATH 130 Fund. of Math	3	HIST 134 World Civ.	3
HPE 100 Pers. Hyg.	½	HPE 104 Physical Ed.	½
ENG 122 Reading	2	ENG 123 Reading	2
Total	15	Total	16½

Second Year			Second Semester		
First Semester			Descriptive Title		
LANG 233	Bus. Comm.	3	LANG 234	Bus. Comm.	3
FREN 235	Conv. and Reading	3	FREN 236	Conv. and Reading	3
SPAN 131	Elementary or		SPAN 132	Elementary or	
GERM 131	Elementary	3	GERM 132	Elementary	3
ENG 221	Humanities	2	ENG 222	Humanities	2
PSYCH 232'	General Psych.	3	SOC 132	Intro to Soc. or	
Non-Major Elective		3	SOC 233	Cult. Anthr. or	
HPE 105	Physical Ed.	½	ECON 235	Prin. of Econ.	3
			Non-Major Elective		3
			HPE 106	Physical Ed.	½
Total		17 ½	Total		17 ½

Third Year			Second Semester		
First Semester			Descriptive Title		
FREN 331	Surv. Fr. Lit.	3	FREN 332	Survey Fr. Lit.	3
FREN 334	Lit of 17th Cent.	3	FREN 335	Lit. of 18th Cent.	3
FREN 338	19th Century	3	FREN 339	Lit of 19th Cent.	3
FREN 333	French Civ.	3	FREN 336	Black Writers	3
Non-Major Elective		3	Non-Major Elective		3
SPAN 231	Intermediate or		SPAN 232	Intermediate or	
GERM 231	Intermediate	3	GERM 232	Intermediate	3
Total		18	Total		18

Fourth Year			Second Semester		
First Semester			Descriptive Title		
FREN 401	Lit of 20th Cent.	3	FREN 432	Senior Sem. II	3
FREN 431	Senior Sem. I	3	Non-Major Electives		6
Non-Major Electives		6			
Total		12	Total		9

SEQUENCE OF COURSES FOR FRENCH MAJOR-TEACHER TRAINEE

First Year			Second Semester		
First Semester			Descriptive Title		
FREN 131	Elementary	0	FREN 132	Elementary	0
FREN 231	intermediate	3	FREN 232	Intermediate	3
BIOL 131	Biology	3	CHEM 131	Physical Science	3
EDUC 111	Fresh. Orientation	½	ENG 121	Speech	2
HIST 133	World Civ.	3	HIST 134	World Civ.	3
MATH 130	Fund. of Math.	3	HPE 104	Physical Ed.	½
HPE 100	Personal Hyg.	½	ENG 123	Reading	2
ENG 122	Reading	2	ENG 132	Composition	3
ENG 131	Composition	3			
Total		18	Total		16 ½

Second Year			Second Semester		
First Semester			Descriptive Title		
FREN 234	Conv. and Reading	3	FREN 236	Conv. and Read.	3
GERM 131	Elementary or		GERM 132	Elementary or	
SPAN 131	Elementary	3	SPAN 132	Elementary	3
ENG 221	Humanities	2	ENG 222	Humanities	2
PSYCH 232	General Psy.	3	Non-Major Elective		3
EDUC 339	Teach. Read.	2	EDUC 233	Found. of Ed.	3
FREN 331	Surv. Fr. Lit.	3	FREN 332	Surv. Fr. Lit.	3
HPE 105	Physical Ed.	½	HPE 106	Physical Ed.	½
Total		16 ½	Total		17 ½

		Third Year				
First Semester				Second Semester		
Descriptive	Title			Descriptive	Title	
FREN 324	Lit. of 17th Cent.	3		FREN 335	Lit. of 18th Cent.	3
FREN 338	Lit. of 19th Cent.	3		FREN 339	Lit. of 19th Cent.	3
FREN 333	French Civ.	3		PSYCH 331	Child Dev. or	
EDUC 321	Educ. Psy.	3		PSYCH 332	Adol. Psych.	3
FREN 336	Black Writers	3		FREN 401	Lit. of 20th Cent.	3
PHIL 431 or	Origins of Beliefs			EDUC 428	Educ. Media	2
432	Ethics	3		SOC 132	Sociology or	
				SOC 233	Cult. Anthr. or	
				ECON 235	Prin. of Econ.	3
Total		18		Total		17

		Fourth Year			
First Semester		Second Semester			
Descriptive Title			Descriptive Title		
EDUC 432	Tests and Meas.	3	EDUC 462	Student Teaching	6
FREN 431	Senior Sem.	3			
EDUC 223	Fund. of Read.	3			
EDUC 346	Method and Mat.	2			
Total		11	Total		6

DESCRIPTION OF COURSES

FRENCH

FREN 131, 132. ELEMENTARY FRENCH. Introduction to spoken and written French, French culture and civilization through readings, magazines, records, tapes. Tape recording by students. **(3) Fall (3) Spring.** Laboratory fee: \$7.50 per semester.

FREN 231, 232. INTERMEDIATE FRENCH. Intensive study of language through grammatical exercises, readings and conversation. Laboratory exercises, tapes, recordings. **(3) Fall (3) Spring.** Laboratory fee: \$7.50 per semester.

LANG 233, 234. BUSINESS COMMUNICATIONS. Reading, writing and discussion of contemporary business practices, with application of acquiring principles. Available in French, Spanish and German. **(3) Fall (3) Spring.**

FREN 235, 236. CONVERSATION AND READING. Oral and written practice of the language. **(3) Fall (3) Spring.**

FREN 331, 332. SURVEY OF FRENCH LITERATURE. Readings and discussion of works from the Middle Ages to the Renaissance and from the Classical to the contemporary period. **(3) Fall (3) Spring.**

FREN 333. FRENCH CIVILIZATION. A study of the historical eras of France, her cultural development in relation thereto, with emphasis on the arts and philosophy.

FREN 334, 335. FRENCH LITERATURE OF THE 17TH & 18TH CENTURIES. A study of the Golden Age and Enlightenment in French Literature. **(3) Fall (3) Spring.**

FREN 336. BLACK WRITERS IN FRENCH. A study of major authors from the Caribbean or African countries.

LANG 337. SCRIPTURAL READINGS IN FRENCH, SPANISH AND GERMAN. Bible study to enhance comparative language understanding.

FREN 338, 339. FRENCH LITERATURE OF THE 19TH CENTURY. A study of representative romantic authors to 1850 and selected poetry, novels and plays to 1900. **(3) Fall (3) Spring.**

FREN 401. FRENCH LITERATURE OF THE 20TH CENTURY. Selected readings from the writers of the present century.

FREN 431, 432 SENIOR SEMINAR. Advanced readings and written reports. Selection of a topic for investigation in one of the following fields; literature, linguistics, French history, French institutions, French philosophy and Black French writers. **(3) Fall (3) Spring.**

For students seeking a teaching certificate, see Course Descriptions in Division of Education.

***SPANISH**

SPAN 131, 132 ELEMENTARY SPANISH. Introduction to the spoken and written language. Knowledge of basic speech patterns supplemented by acquaintance with a broad illustration of Spanish culture and civilization. Laboratory exercises include recordings of readings by students. **(3) Fall (3) Spring.** Laboratory fee: \$7.50 per semester.

SPAN 231, 232. INTERMEDIATE SPANISH. A continuation of the study of language, through reading and conversation. Laboratory exercises continue, with recordings of students' work. **(3) Fall (3) Spring.** Laboratory fee: \$7.50 per semester.

***GERMAN**

GERM 131, 132. ELEMENTARY GERMAN. Introduction to the spoken and written German through oral practice, graded readings, dialogues, dictations, and laboratory exercises. Introduction to the culture and civilization of German speaking peoples through audio-visual materials and supplementary readings. **(3) Fall (3) Spring.** Laboratory fee: \$7.50 per semester.

GERM 231, 232. INTERMEDIATE GERMAN. A continuation of classroom and laboratory practice in spoken and written German along with audio-visual materials to stimulate the learning process. Films, film strips and other audio-visual materials will be used to continue the introduction to the culture and civilization of German speaking countries. The selection of these materials will be relevant to the needs and objectives of students. **(3) Fall (3) Spring.** Laboratory fee: \$7.50 per semester.

*Additional courses may be taken in German or Spanish within the cooperating Raleigh colleges.

DEPARTMENT OF MUSIC

Objectives

The Department of Music provides training to those who wish to major or minor in music so that they will be equipped to contribute to the worthy development of music as a constructive and contributive force in contemporary society.

The department offers a curriculum in Public School Music leading to the Bachelor of Arts degree with emphasis in vocal or instrumental music. By successfully meeting the requirements of these curricula, the music majors become eligible to qualify for the North Carolina General Music Certificate and to teach music in the public elementary and high schools of the state. One or more summer sessions may be needed to successfully complete the curricula.

Students wishing to major in music but who are not interested in the teaching profession may pursue the non-teaching sequence of courses leading to the Bachelor of Arts degree in Applied Music (performance).

The department offers a course of study in music as a minor field of concentration. Thus, those students showing definite aptitude in music and desiring to major in another department of the college can develop an understanding and appreciation of music as a part of their liberal education.

ADMISSION

All students entering the Department of Music will be required to take a qualifying examination in music. All students, regardless of the area of music in which they expect to major, should have some knowledge of the piano. Students who do not have the necessary instrumental or vocal background for serious study will not be considered eligible for admission to the department. Students showing weakness in music fundamentals or in performance in their applied medium (vocal or instrumental) will be assigned preparatory work without credit. Students should qualify for admission to the freshman level by the end of the freshman year in order to be continued in the department.

DEPARTMENT OF MUSIC
Requirements for the Bachelor of Arts in Music Education

General Education		Credit Hours	Music Education		Credit Hours
Descriptive Title			Descriptive Title		
PE 100	Personal Hygiene	½	*Music Various — Applied Music (Class or Individual)		8-12
PE 104, 105, 106	Physical Education (activities)	1½	MUSIC 102	Instrumental Ensemble	0- 1
ENG 121	Speech	2	MUSIC 117	College Choir	0- 1
ENG 122-123	Reading	4	MUSIC 118	Vocal Ensemble	0- 1
CHEM 131	Physical Science	3	MUSIC 119	College Band	0- 1
MATH 130	Mathematics	3	MUSIC 120	Fund. of Music	0- 2
ENG 131-132	English Composition	6	MUSIC 130	Survey of Music Literature	2
FREN 131-132	Elem. French	3	Music 131-132	Elem. Harmony and Ear Training	6
Germ 131-132	Elem. German	3	MUSIC 223, 224, 225, 226	Class Instrument	4
SOC 132	Intro. to Sociology or		MUSIC 231-232	Advanced Harmony and Ear Training	6
SOC 223	Cultural Anthro. or		MUSIC 321	Instrumental and Choral Arranging	3
ECON 235	Prin. of Economics	3	MUSIC 322	Conducting	2
HIST 133-134	World Civilization	6	MUSIC 331-332	Music History	6
ENG 221-222	Humanities	4	MUSIC 335	Music Seminar	0-½
PHIL 431	General Education: Origin of Beliefs or		MUSIC 425-426	Solfege I and II	4
PHIL 432	Ethics	3	MUSIC 431	Counterpoint	3
	Total	39	MUSIC 433	Applied Music Recital	1
			MUSIC 441	Form and analysis	2
Professional Education				Total	53½-57½
Descriptive Title			Electives		
PSYCH 232	General Psychology	3	FREN 231-232	Advanced French or	
EDUCA 233	Foundations of Education	3	GERM 231-232	Advanced German	6
EDUCA 321	Educational Psychology	3	MUSIC 235-326	Survey of Afro-American Music	6
PSYCH 332	Psychology of Adolescence	3	MUSIC 334	Public School Music	3
EDUCA 347	Vocal Music Methods	2	MUSIC 419-420	Composition I and II	6
EDUCA 348	Instrumental Music Methods	2	MUSIC 435-436	American Music	6
EDUCA 428	Educational Media	2			
EDUCA 431	Principles of Secondary Education	3			
EDUCA 432	Tests and Measurements	3			
EDUCA 462	Student Teaching	6			
	Total	30	Total		27

NOTE: All music majors should select a major performing instrument and earn at least seven (7) semester hours in that medium; they also select a minor performing instrument and earn four (4) semester hours. All should have a minimum of four (4) semester hours in piano and one (1) semester hour in class voice or individual voice.

*MUSIC VARIOUS refers to all applied music courses (class or individual).

All music education students are required to participate in the music organizations representing their areas of concentration and the areas of music education in which they plan to do student teaching. The period of participation should extend throughout their period of preparation.

The attendance of all music majors is required at departmental and artist recitals held at the college unless excused by the head of the department and the Vice President for Academic Affairs of the college.

All music majors are required to take two comprehensive music examinations, the first, during the first semester of the junior year; the second, during the first semester of the senior year. The examinations are designed to discover weaknesses in proficiency at the end of the sophomore and junior levels, so that steps may be taken to remove such deficiencies.

All music majors and minors must satisfy the requirements of a PIANO PROFICIENCY EXAMINATION which may be taken by the end of the second year. At this examination before the MUSIC FACULTY, the students will be required to demonstrate their ability to play in a satisfactory manner the following:

1. Any of the major and minor scales, through four (4) sharps and flats, with correct fingering for two octaves, hands together in ascending and descending order and with a cadential progression, using the sustaining pedal, after each scale played.
2. One selection from "*Beginning Piano for Adults*" by Bastien and Bastien or a similar method book on the level of a "Minuet" by Bach or Mozart.
3. Harmonization at sight of a simple folk song with an appropriate accompaniment.
4. A Patriotic selection and the College Hymn.

At the faculty's discretion, students seeking a Bachelor of Arts in Music Education may be asked to participate in a joint or solo recital (MUSIC 433 — Applied Music Recital) as a partial requirement for the degree. Students who are seeking the Bachelor of Arts in Applied Music (Performance) will be required to perform a full recital.

Special Music Fees

Applied Music Courses:	Credit	Fee per sem. hr.
MUSIC 111, 211, 311, 411	1 Sem. Hr.	\$7.50
Class Piano		
MUSIC 113 Class Voice	1 Sem. Hr.	\$7.50
MUSIC 213 Class Voice	1 Sem. Hr.	\$7.50

Individual instruction in applied music courses will be charged at the rate of \$30.00 for the first hour and \$20.00 for each additional hour during a semester. Courses include individual instruction in Voice, Piano, Organ, and Orchestral Instruments.

MUSIC 114, 214, 314, 414	1 Sem. Hr.	\$30.00
Individual Piano	(½ hour per week instruction)	
MUSIC 115, 215, 315, 415	1 Sem. Hr.	\$30.00
Individual Voice	(½ hour per week instruction)	
MUSIC 112, 212, 312, 412	1 Sem. Hr.	\$30.00
Individual Instrument	(½ hour per week instruction)	
Instruments include:		
Clarinet, Oboe, Flute,		
Bassoon, French Horn,		
Trumpet, Trombone, etc.		
MUSIC 116, 216, 316, 416	1 Sem. Hr.	\$30.00
Individual Organ	(½ hour per week instruction)	
MUSIC 117, 217, 317, 417	½ Sem. Hr.	\$12.50
College Choir		
MUSIC 118, 218, 318, 418	½ Sem. Hr.	\$12.50
Vocal Ensemble		
MUSIC 119, 219, 319, 419	½ Sem. Hr.	\$12.50
College Band		
MUSIC 135 Appreciation of	3 Sem. Hrs.	\$ 3.00
Music	each semester	
MUSIC 331 & 332 Music	3 Sem. Hrs.	\$ 3.00
History	each semester	
MUSIC 433 Applied Music	1 Sem. Hr.	\$30.00
Recital		

SEQUENCE OF MUSIC COURSES for students who need no extra foundation in music and are working for a Teacher's Certificate.

MUSIC EDUCATION — Bachelor of Arts

First Semester			First Year			Second Semester		
Descriptive Title			Descriptive Title			Descriptive Title		
ENG 131	English Composition	3	ENG 132	English Composition	3	ENG 132	English Composition	3
HIST 133	World Civilization	3	HIST 134	World Civilization	3	HIST 134	World Civilization	3
MUSIC 130	Survey of Music Literature	2	MUSIC 132	Elementary Harmony and Ear Training	3	MUSIC 132	Elementary Harmony and Ear Training	3
MUSIC	Music Various—Applied Music	1-2	MUSIC	Music Various—Applied Music	1-2	MUSIC	Music Various—Applied Music	1-2
MUSIC 102, 117, 118, 119	Performing Groups	0-½	MUSIC 102, 117, 118, 119	Performing Groups	0-½	MUSIC 102, 117, 118, 119	Performing Groups	0-½
EDUCA 111	Freshman Orientation	½	EDUCA 233	Foundations of Education	3	EDUCA 233	Foundations of Education	3
MUSIC 131	Elementary Harmony and Ear Training	3	ENG 123	Reading	2	ENG 123	Reading	2
CHEM 131	Fundamentals of Physical Science	3	HPE 104	Physical Education	½	HPE 104	Physical Education	½
ENG 122	Reading	2	MUSIC 335	Music Seminar	0-½	MUSIC 335	Music Seminar	0-½
HPE 100	Personal Hygiene	½						
MUSIC	Music Seminar	0-½						
Total			18-20			Total		
						15½ - 17½		

Second Year

First Semester			Second Semester		
Descriptive	Title		Descriptive	Title	
GERM 131	Elementary German or		GERM 132	Elementary German or	
FREN 131	Elementary French	3	FREN 132	Elementary French	3
ENG 221	Humanities	2	ENG 222	Humanities	2
MUSIC 231	Advanced Harmony		MUSIC 232	Advanced Harmony	
	and Ear Training	3		and Ear Training	3
MUSIC 223	Class Instrument	1	MUSIC 224	Class Instrument	1
MUSIC	Music Various—Applied		MUSIC	Music Various—Applied	
	Music	1-2		Music	1-2
MUSIC 202,	217, 218, 219		MUSIC 202,	217, 218, 219	
	Performing			Performing	
	Groups	0-½		Groups	0-½
PSYCH 232	General Psychology	3	MATH 130	Fundamentals of	
ENG 121	Speech	2		Mathematics	3
HPE 105	Physical Education	½	SOC 132	Introduction to	
MUSIC 335	Music Seminar	0-½		Sociology or	
			SOC 223	Cultural Anthropology or	
			ECON 235	Principals of Economics	3
			HPE 106	Physical Education	½
			MUSIC 335	Music Seminar	0-½
	Total	15½-17½		Total	16½-18½

Third Year

First Semester			Second Semester		
Descriptive	Title		Descriptive	Title	
EDUCA 321	Educational Psychology	3	MUSIC 426	Solfege II	2
MUSIC 425	Solfege I	2	MUSIC 226	Class Instrument	1
MUSIC 331	Music History	3	PSYCH 332	Psychology of Adol.	3
MUSIC 441	Form and Analysis	2	MUSIC 332	Music History	3
MUSIC 321	Instrumental and Choral		MUSIC 431	Counterpoint	3
	Arranging	3	MUSIC 322	Conducting	2
MUSIC 302,	317, 318, 319		MUSIC 302,	317, 318, 319	
	Performing			Performing	
	Groups	0-½		Groups	0-½
MUSIC	Music Various—Applied		MUSIC	Music Various—Applied	
	Music	1		Music	1
MUSIC 225	Class Instrument	1	EDUCA 348	Teaching Instrumental	
MUSIC 335	Music Seminar	0-½		Music	2
	Total	15-16	MUSIC 335	Music Seminar	0-½
				Total	17-18

Fourth Year

First Semester			Second Semester		
Descriptive	Title		Descriptive	Title	
EDUCA 428	Educational Media	2	PHIL 431	General Education:	
EDUCA 431	Principles of Secondary			Origin of Beliefs or	
	Education	3	PHIL 432	Ethics	3
EDUCA 432	Tests and Measurements	3	MUSIC 402,	417, 418, 419	
MUSIC	Music Various—Applied			Performing	
	Music	1		Groups	0-½
MUSIC 402,	417, 418, 419		MUSIC 433	Applied Music Recital	1
	Performing		EDUCA 462	Student Teaching	6
	Groups	0-½	MUSIC 335	Music Seminar	0-½
EDUCA 347	Teaching Vocal Music	2		Total	10-11
MUSIC 335	Music Seminar	0-½			
	Total	11-12			

MUSIC AS A MINOR FIELD OF CONCENTRATION

Course of Study Descriptive Title

MUSIC 120	Fundamentals of Music	2
MUSIC 111	Class Piano (2 semesters)	2
MUSIC 114	Individual Piano (2 semesters)	2
MUSIC 113	Class Voice (2 semesters)	2
MUSIC 117	College Choir (2 semesters)	1
MUSIC 118	Vocal Ensemble (2 semesters)	1
MUSIC 119	College Band (2 semesters)	1
MUSIC 135	Appreciation of Music	3
MUSIC 131	Elementary Harmony and Ear Training	3
MUSIC 132	Elementary Harmony and Ear Training	3
MUSIC 334	Public School Music	3
MUSIC 335	Music Seminar	0-½
MUSIC 347	Teaching Vocal Music	2
Total		25-25½

DEPARTMENT OF MUSIC — NON-TEACHING SEQUENCE

First Year			Second Semester		
First Semester			Descriptive Title		
ENG 131	English Composition	3	ENG 132	English Composition	3
HIST 133	World Civilization	3	HIST 134	World Civilization	3
MUSIC 130	Survey of Music Literature	2	MUSIC 132	Elementary Harmony and Ear Training	3
MUSIC	Music Various—Applied Music	1-2	MUSIC	Music Various—Applied Music	1-2
MUSIC 102, 117, 118, 119	Performing Groups	0-½	MUSIC 102, 117, 118, 119	Performing Groups	0-½
HPE 100	Personal Hygiene	½	PE 104	Physical Education	½
EDUCA 111	Freshman Orientation	½	ENG 123	Reading	2
MUSIC 131	Elementary Harmony and Ear Training	3	MUSIC 335	Music Seminar	0-½
CHEM 131	Fundamentals of Physical Science	3	Total		13-14½
ENG 122	Reading	2			
MUSIC 335	Music Seminar	0-½			
Total		18-20			

Second Year

First Semester			Second Semester		
Descriptive	Title		Descriptive	Title	
GERM 131	Elementary German or		GERM 132	Elementary German or	
FREN 131	Elementary French	3	FREN 132	Elementary French	3
ENG 221	Humanities	2	ENG 222	Humanities	2
MUSIC 231	Advanced Harmony and		MUSIC 232	Advanced Harmony and	
	Ear Training	3		Ear Training	3
MUSIC 223	Class Instrument	1	MUSIC 224	Class Instrument	1
MUSIC	Music Various—Applied		MUSIC	Music Various—Applied	
	Music	1-2		Music	1-2
MUSIC 202, 217, 218, 219	Performing		MUSIC 202, 217, 218, 219	Performing	
	Groups	0-½		Groups	0-½
PE 105	Physical Education	½	PE 106	Physical Education	½
PSYCH 232	General Psychology	3	MATH 130	Fundamentals of	
ENG 121	Speech	2		Mathematics	3
MUSIC 335	Music Seminar	0-½	MUSIC 335	Music Seminar	0-½
Total		15½ - 17½	Total		13½ - 15½

Third Year

First Semester			Second Semester		
Descriptive	Title		Descriptive	Title	
MUSIC 225	Class Instrument	1	MUSIC 226	Class Instrument	1
MUSIC 325	Survey of Afro-American Music	3	MUSIC 326	Survey of Afro-American Music	3
GERM 231	Intermediate German or		MUSIC 332	Music History	3
FREN 231	Intermediate French	3	GERM 232	Intermediate German or	
MUSIC 331	Music History	3	FREN 232	Intermediate French	3
MUSIC 441	Form and Analysis	2	MUSIC 431	Counterpoint	3
MUSIC 321	Instrumental and Choral Arranging	3	MUSIC 322	Conducting	2
MUSIC	Music Various—Applied Music	1	MUSIC	Music Various—Applied Music	1
MUSIC 302,	317, 318, 319 Performing Groups	0-½	MUSIC 302, 317, 318, 319	Performing Groups	0-½
MUSIC 335	Music Seminar	0-½	MUSIC 335	Music Seminar	0-½
	Total	16-17		Total	16-17

Fourth Year

First Semester			Second Semester		
Descriptive Title			Descriptive Title		
SOC 132	Introduction to Sociology or		PHIL 431	General Education: Origin of Beliefs or	
SOC 223	Cultural Anthropology or		PHIL 432	Ethics	3
ECON 235	Principles of Economics	3	MUSIC	Music Various—Applied	1
MUSIC	Music Various—Applied			Music	
	Music	1	MUSIC 402, 417, 418, 419	Performing Groups	0-½
MUSIC 402, 417, 418, 419	Performing Groups	0-½	MUSIC 433	Applied Music Recital	1
MUSIC 435	American Music	3	MUSIC 436	American Music	3
MUSIC 419	Composition I or		MUSIC 420	Composition II or	
	Elective	3		Elective	3
MUSIC 425	Solfege I or Elective	2	MUSIC 426	Solfege II or Elective	2
MUSIC 335	Music Seminar	0-½	MUSIC 335	Music Seminar	0-½
Total		12-13	Total		13-14

DESCRIPTION OF COURSES

MUSIC 102. INSTRUMENTAL ENSEMBLE. Designed to provide experiences in small combinations of orchestral and band instruments. This course will provide instrumentalists with special opportunities to grow in small ensemble performance. **(½) Fall or Spring.**

MUSIC 111. CLASS PIANO. This course is designed to meet the needs of Elementary Education Majors, as well as Music Majors and Minors with little or no previous experience at the piano. An introduction to music reading as related to the keyboard, five finger hand positions and transpositions, primary chords in various positions, basic scales in ascending and descending order for one octave and the use of the pedals. Fee: \$7.50. **(1) Fall or Spring.**

MUSIC 112. INDIVIDUAL INSTRUMENT. Designed for the study of solo and ensemble literature for band or orchestral instruments. A student majoring in music education will choose an instrument as his/her major performing medium. Seven to eight hours on one instrument constitute the minimum requirement to major in that instrument. Fee: \$30.00. **(1) Fall or Spring.**

MUSIC 113 A. CLASS VOICE (Music Majors and Minors). A sequence of study in voice building, voice placement, breath control, diction and expressive singing. Emphasis will be placed on the ability to detect vocal problems as well as of the vocal mechanism — its problems and cures. The class will use English and Italian Art Songs. Fee: \$7.50. **(1) Fall.**

MUSIC 113 B. CLASS VOICE (Non-Music Majors). The study of voice for students whose fields of concentration are in other scholastic areas and persons within the college community who wish to gain knowledge and experience in vocal performance. Fee: \$7.50. **(1) Fall or Spring.**

MUSIC 114. INDIVIDUAL PIANO. Instruction in piano is offered to meet the needs of the individual student at the various stages of his/her achievement. Emphasis is placed on acquiring suitable technique and a repertoire of standard piano selections, representing the Baroque, Romantic and Modern schools, according to the ability of the student. Materials include a study of major and minor scales; arpeggios in major keys; appropriate studies by such writers as Czerny, Heller, and Burgmuller; "First Lessons in Bach;" Two-Part Inventions by Bach; Sonatinas by Clementi and Kuhlau; and the easier compositions of Chopin and Schumann. Fee: \$30.00. **(1) Fall or Spring.**

MUSIC 115. INDIVIDUAL VOICE. Includes instruction in voice placement, breath control, free emission of vowels and consonants, vocalizing, interpretation of folk songs, art songs, and other standard vocal literature of the Baroque, Classic, Romantic, and Modern Schools, according to the ability of the student. Materials of the first year of study are taken from the easy secular and sacred songs in English and old Italian literature. Admission by instructor's approval. Fee: \$30.00. **(1) Fall or Spring.**

MUSIC 116. INDIVIDUAL ORGAN. Foundation teaching in organ playing based on pedal studies, trios, hymns and representative works from the Baroque, Classic, Romantic, and Modern Schools. The student is prepared for Church work. Prerequisites: Music 114 and the consent of instructor. Fee: \$30.00. **(1) Fall or Spring.**

MUSIC 117, 217, 317, 417. COLLEGE CHOIR. The study and performance of selected sacred and secular choral literature of all periods. Emphasis is placed on the development of reading skills, basic voice technique and interpreting the music score. Open to any student meeting eligibility requirements of the director. Fee: \$12.50. **(0-1/2) Fall or Spring.**

MUSIC 118, 218, 318, 418. VOCAL ENSEMBLE. Music majors are encouraged to spend at least two semesters in this course, which aims to broaden the musical scope and sharpen their sight reading ability. Vocal music of the Renaissance and the art of small ensemble singing are given special emphasis. Fee: \$12.50. **(0-1/2) Fall or Spring.**

MUSIC 119, 219, 319, 419. COLLEGE BAND. All music majors are encouraged to gain experience in instrumental music through membership in the band. Fee: \$12.50. **(0-1/2) Fall or Spring.**

MUSIC 120. FUNDAMENTALS OF MUSIC. A course of study designed for the non-music major (Early Childhood and Intermediate Education Majors) as well as music majors who show deficiency in the basic knowledge and skills of music theory. The course covers the fundamentals of music theory needed in any study of music. It includes the study of the keyboard, the grand staff, notation, rhythm, intervals, major and minor scales, and chords. The course culminates with the mastering of simple melodies with the basic I V V7 I progressions. **(0-2) Fall or Spring.**

MUSIC 130. SURVEY OF MUSIC LITERATURE. This course will provide a general survey of vocal and instrumental literature from the Baroque period to the twentieth century. Significant musical developments will be studied. Required of Music majors and Music minors. **(2) Fall.**

MUSIC 131. ELEMENTARY HARMONY AND EAR TRAINING. This course covers the fundamentals of music theory necessary for the successful completion of Music 132. It includes the study of scale and chord formation, formation and recognition of melodic and harmonic intervals, I, IV, V, and V7, chords and inversions, transposition, meter and rhythmic counting. Emphasis will be placed on the study of all keys, major and minor. Credit may be received by test at the freshman level. Required of Music majors and minors. **(3) Fall.** 3 lectures and 2 labs weekly.

MUSIC 132. ELEMENTARY HARMONY AND EAR TRAINING. A continuation of Music 131 with the introduction of passing tones and seventh chords with their inversions. Harmonization of melodies; figured and unfigured bases. Sight

singing and ear training are an integral part of the harmony course, with daily drills in rhythmic, melodic, and harmonic dictation. Credit may be received by test at the freshman level. **(3) Spring.** 3 lectures and 2 labs weekly.

MUSIC 135. APPRECIATION OF MUSIC. The primary purpose of this course is to enable the student to understand and enjoy more fully the representative compositions of all periods and styles. Special attention is given to developing a greater understanding and appreciation of Afro-American music. Fee: \$3.00. **(3) Fall or Spring.**

MUSIC 211. CLASS PIANO. Continuation of skills and concepts developed in Music 111 with scales for two octaves and chord progressions with secondary and seventh chords. Simple melodic harmonizations. Fee: \$7.50. **(1) Fall or Spring.**

MUSIC 212. INDIVIDUAL INSTRUMENT. A continuation of the study of solo literature for orchestral and band instruments. Fee: \$30.00. **(1) Fall or Spring.**

MUSIC 213. CLASS VOICE. A continuation of Music 113 A (For Music Majors and Minors). Advanced study of the teaching of vocal elements in choral and individual voice. The class will be structured as a clinic and will use vocal and choral literature from the various periods of music history. Fee: \$7.50. **(1) Spring.**

MUSIC 214. INDIVIDUAL PIANO. A continuation of Music 114. Major and minor scales in quarter and eighth notes; selected studies from Czerny, Heller, Burgmuller, and others; selections from "Little Preludes and Fugues" by Bach; selected compositions by Classic, Romantic and Modern composers. Also preparation for the piano proficiency examination. Fee: \$30.00. **(1) Fall or Spring.**

MUSIC 215. INDIVIDUAL VOICE. A continuation of Music 115 including technical studies in breathing, posture, diction, and the development of range and expressiveness. Materials on this level include easy oratorio literature as well as the songs and arias of Bach, Handel, and Haydn in English. Also there is a continuation of the Italian literature. Fee: \$30.00. **(1) Fall or Spring.**

MUSIC 216. INDIVIDUAL ORGAN. A continuation of Music 116 including technical studies and repertoire from all stylistic periods. Fee: \$30.00. **(1) Fall or Spring.**

MUSIC 223. CLASS INSTRUMENT. (Percussion) This course provides the basic fundamentals and actual playing experience on the percussion instruments. Special emphasis will be given to the study of drum rudiments and those techniques essential to other percussion instruments. Prerequisite: Music 131. **(1) Fall.**

MUSIC 224. CLASS INSTRUMENT. (Woodwinds) This course provides the basic fundamentals and actual playing experience on instruments of the woodwind family; designed so that the student will know the basic fingering, care and adjustment of the instrument, a knowledge of the mouthpiece, and an understanding of the proper embouchure for performance. Special emphasis will be directed toward the production of proper tone quality. Prerequisites: Music 131 and 132. **(1) Fall.**

MUSIC 225. CLASS INSTRUMENT. (Brass) This course provides the basic fundamentals and actual playing experience on instruments of the brass family;

designed so that the student will know the basic fingering, care and adjustment of the instrument, a knowledge of the mouthpiece, and an understanding of the performance of these instruments. Special emphasis will be directed toward the production of proper tone quality. Prerequisites: Music 131 and 132. **(1) Fall.**

MUSIC 226. CLASS INSTRUMENT. (String) This course provides the basic fundamentals and actual playing experience on the string instruments. Special emphasis will be given to bowing, fingering positions and other unique characteristics of the string family. Prerequisite: Music 131. **(1) Spring.**

MUSIC 231. ADVANCED HARMONY AND EAR TRAINING. Study of harmonic progression in the major and minor modes and rules of usual and exceptional voice leading with the chorale setting of J.S. Bach as models. All non-harmonic tones will be studied. Triads and seventh chords (dominant and non-dominant) in all inversions. Sight singing, ear training, keyboard work, and analysis are an integral part of the harmony course, with drills in rhythmic, melodic, and harmonic dictation. Prerequisites: Music 131 and 132. Meets daily **(3) Fall.** 3 lectures and 2 labs weekly.

MUSIC 232. ADVANCED HARMONY AND EAR TRAINING. Study of ninth, eleventh, and thirteenth chords. Chromatic harmony will include the study of borrowed chords from minor and major, the neapolitan sixth, the augmented sixths, secondary dominants and other chromatically altered chords. Elementary and advanced modulation practices will be studied. Sight singing, ear training, keyboard work and analysis are an integral part of the harmony course, with drills in rhythmic, melodic, and harmonic dictation. Prerequisite: Music 231. Meets daily. **(3) Spring.** 3 lectures and 2 labs weekly.

MUSIC 311. CLASS PIANO. Introduction of simple solos and continuing harmonization of folk melodies with various types of accompaniments. Fee: \$7.50. **(1) Fall or Spring.**

MUSIC 312. INDIVIDUAL INSTRUMENT. A continuation of the study of solo literature for orchestral and band instruments. Fee: \$30.00. **(1) Fall or Spring.**

MUSIC 314. INDIVIDUAL PIANO. A continuation of Music 214. Technical work is continued and compositions studied may include: a sonata by Haydn, Mozart, or Beethoven; "Songs Without Words" by Mendelssohn; "Three Part Inventions" by Bach, and selected preludes and fugues from the "Well Tempered Clavier" by Bach; and selections by twentieth century composers. Fee: \$30.00. **(1) Fall or Spring.**

MUSIC 315. INDIVIDUAL VOICE. A continuation of Music 215 including technical studies and the study of arias and art songs in English, Italian, German, and/or French of increasing range and difficulty. Prerequisites: Music 215 and consent of instructor. Fee: \$30.00. **(1) Fall or Spring.**

MUSIC 316. INDIVIDUAL ORGAN. A continuation of Music 216 in technical studies and repertoire. Representative works from all periods are studied. Fee: \$30.00. **(1) Fall or Spring.**

MUSIC 321. INSTRUMENTAL AND CHORAL ARRANGING. A shared course devoted to the devices and techniques of arranging for various instrumental and choral ensembles. Study of some standard instrumental and choral scores. Designed for music education majors and others generally interested in com-

position and arranging. Prerequisites: Advanced Harmony, Class Instrument 223, 224, 225, 226, and consent of instructors. **(3) Fall.**

MUSIC 322. CONDUCTING. The study of procedures, techniques and problems pertinent to the conducting of vocal and instrumental ensembles. Laboratory experience is gained in the band, choir and ensembles, as well as in the conducting class. Prerequisites: Music 231, 232, and 321. **(2) Spring.**

MUSIC 325. SURVEY OF AFRO-AMERICAN MUSIC. A survey of the music of Black people in the United States from colonial times to the present, with emphasis on its unique features and on its contributions to American culture. **(3) Fall.**

MUSIC 326. SURVEY OF AFRO-AMERICAN MUSIC. A continuation of Music 325. Emphasizing the oral-folk tradition, the transition to present-day works of major Black composers in America and Africa, and the relationships of these to Western and non-Western traditions. **(2) Spring.**

MUSIC 331. MUSIC HISTORY. A comparative study of the chronological development of music from its beginnings to the complicated structures of the present day. An analysis and illustration of forms and musical composition will be given by means of recordings and actual performance. Attendance is required at one supervised listening laboratory per week. Prerequisites: Music 131 and 132. Fee: \$3.00. **(3) Fall.**

MUSIC 332. MUSIC HISTORY. A continuation of Music 331. Prerequisites: Music 131 and 132. Fee: \$3.00. **(3) Spring.**

MUSIC 334. PUBLIC SCHOOL MUSIC. Required of prospective elementary school teachers, a music course that emphasizes the application of educational principles and other views of educational thought, methods, materials and musical experiences (listening, singing, movement, etc.) and activities for teaching music on the elementary level. Prerequisite: Music 120. **(3) Fall or Spring.**

MUSIC 335. MUSIC SEMINAR. The seminars will be held on a regular basis, in order to present a variety of music topics not usually discussed in classes in the prescribed curriculum. The topic may be chosen from the music literature of the present, as well as the past. The purpose of these activities is to enrich and broaden the musical experiences of the students through practical performances. Required of all Music majors and minors. **(0-1/2) Fall or Spring.**

EDUCA 347. TEACHING VOCAL MUSIC. This will present the various aspects of general music and its role with today's student in secondary schools. Methods and materials to be used in the development of the student's voice, rhythmic activities, listening, reading readiness approach to sight singing and part singings. Ways of relating music with other subject areas, and continuing the study of techniques in presenting music in the secondary schools. Prerequisite: Junior standing in music. **(2) Fall.**

EDUCA 348. TEACHING INSTRUMENTAL MUSIC. Methods and materials to be used in the development of the grade school through the high school instrumental program. Special attention is given to methods for the beginning student. Prerequisite: Junior standing in music. **(2) Spring.**

MUSIC 411. CLASS PIANO. Preparation for the Piano Proficiency Examination. Fee: \$7.50. **(1) Fall or Spring.**

MUSIC 412. INDIVIDUAL INSTRUMENT. A continuation of the study of solo literature for orchestral and band instruments in preparation of the senior recital. Fee: \$30.00. **(1) Fall or Spring.**

MUSIC 414. INDIVIDUAL PIANO. A continuation of Music 314; preparation for the senior recital (Music 433). The senior recital should contain piano works representing the Baroque, Classical, and Romantic, and the Modern schools. The student whose main performance medium is piano is required to present a senior recital. He/She will perform before the departmental faculty to determine his/her readiness for the senior recital. Fee: \$30.00. **(1) Fall or Spring.**

MUSIC 415. INDIVIDUAL VOICE. Provides advanced vocal techniques and literature. Music Education majors presenting voice as a major performing medium, will present a senior recital (Music 433), as a culmination of the study in this area. This recital is given upon the approval of the instructor. Prerequisites: Music 315 and consent of instructor. Fee: \$30.00. **(1) Fall or Spring.**

MUSIC 416. INDIVIDUAL ORGAN. A continuation of Music 316 in technical studies and repertoire. Representative works from all periods are studied in preparation for the senior recital. Fee: \$30.00. **(1) Fall or Spring.**

MUSIC 419. COMPOSITION I. Harmonic and structural analysis of representative vocal and instrumental compositions of the period starting with the early eighteenth century and ending with the nineteenth century. Students will write original compositions representative of the style periods. **(3) Fall.**

MUSIC 420. COMPOSITION II. Harmonic and structural analysis of representative vocal and instrumental compositions of the period from the nineteenth to the twentieth century. Drill in writing for two to six voices from a given soprano, bass, or inner voice in modal and tonal styles. Development and elaboration of given themes and arranging accompaniments to given melodies. Also students will write original composition in sonata form and other larger forms. **(3) Spring.**

MUSIC 423. INTRODUCTION TO CHURCH MUSIC. A study of the function of the organ, the choir, and the clergy in the church service. Sacred music will be studied in relation to the liturgy. Organists will give special attention to hymn playing, accompanying, modulation, and improvisation; pre-theological students will give special attention to the principles of chanting and a study of hymnology. Prerequisite: Consent of the instructor. **(2) Spring.**

MUSIC 425 SOLFEGE I. Advanced sight singing and ear training and dictation with practice in the use of C clefs. Aural and vocal study of isolated and contextual rhythmic patterns, scales, intervals, triads, seventh chords, and traditional contemporary songs in treble and bass clefs. **(2) Fall.**

MUSIC 426. SOLFEGE II. Continuation of Solfege I. Aural and vocal study in soprano, alto and tenor clefs in addition to treble and bass clefs. **(2) Spring.**

MUSIC 431. COUNTERPOINT. This course consists of written exercises and original compositions in the various species of vocal counterpoint of the sixteenth century style. Suspensions, imitations and canon, double counterpoint and other contrapuntal devices are studied. Original compositions include movements of the mass and madrigals. Prerequisite: Music 232. **(3) Spring.**

MUSIC 433. APPLIED MUSIC RECITAL. All music majors are required to present either a joint or solo recital during the senior year, in the medium of their

choice. This will be considered as the eighth semester hour in the applied music area. The recital may be presented before the public or before the departmental faculty. Fee: \$30.00. **(1) Fall or Spring.**

MUSIC 435. AMERICAN MUSIC. A survey of American music, including its growth and development from the early colonial period to the Civil War. **(3) Fall.**

MUSIC 436. AMERICAN MUSIC. A continuation of Music 435 from the Civil War to the present. **(3) Spring.**

MUSIC 441. FORM AND ANALYSIS. Designed to lead the student to do independent aural and visual analysis of harmonic and contrapuntal forms from the sixteenth through the twentieth centuries. These include the simple binary and ternary forms, the rondo, the sonata form, the concerto, the fugue, and related genres. **(2) Fall.**

ART STUDIES

The objectives of the Art Studies Program at Saint Augustine’s College are to provide Art Education majors with an in-depth knowledge of the practical and theoretical aspects of art appreciation, art forms, and to develop his/her aesthetic perceptivity. Consistent with this orientation within the Art Studies, the disciplines of the primary intellectual and creative tradition including painting, sculpture, design, art history, and art education are emphasized.

The major in art requires a minimum of 48 hours of art courses. The total of 120 hours are required of all art students seeking teacher certification in Art Education. The suggested Art Studies curriculum leads to the Bachelor of Science degree and is designed to meet the state of North Carolina requirements for kindergarten through twelfth grade.

GENERAL EDUCATION REQUIREMENTS

Course Number		Descriptive Title	Credit Hours
ENG	121	Speech	2
ENG	122-123	Reading	4
ENG	131-132	English Composition	6
ENG	221-222	Humanities	4
EDUCA	111	Freshman Orientation	1/2
HIST	133-134	World Civilization	6
BIOL	131	Fundamentals of Biology	3
CHEM	131	Physical Science	3
SOC	132	Introduction to Sociology or	
ECON	235	Principles of Economics or	
SOC	233	Cultural Anthropology	3
PHIL	432	Ethics	3
PSYCH	232	General Psychology	3
PE	100	Personal Hygiene	1/2
PE	104, 105, 106	Physical Education	1 1/2
		Total	39 1/2

PROFESSIONAL EDUCATION REQUIREMENTS

Course Number		Descriptive Title	Credit Hours
PSYCH	232	General Psychology	3
PSYCH	321	Educational Psychology	3
EDUCA	233	Foundations of Education	3
ART	333	History and Philosophy of Art Education	3
EDUCA	223	Foundations of Reading Instruction, or EDUCA 313, Diagnosis and Correction of Reading Disabilities	3
ART	334	The Teaching of Art for Special Education	3
		Elective in Professional Education	<u>3</u>
		Total	21

ART STUDIES REQUIREMENTS

Course Number		Descriptive Title	Credit Hours
ART	134-135	Drawing I and II	6
ART	236	Painting I	3
ART	336	Survey in Craft I	3
ART	132	Color and Design	3
ART	431	Fundamentals of Photography	3
ART	235	Sculpture I	3
ART	232	Ceramics	3
ART	331,332	Survey of Art History I and II	6
ART	233	Modern Art	3
ART	234	Survey in Print Making	3
*ART	333	History and Philosophy of Art Education	<u>3</u>
		Total	39

REQUIRED ELECTIVES

Course Number		Descriptive Title	Credit Hours
ART	237	Painting II	3
ART	337	Survey in Craft II	3
ART	347	Water Color Painting	3
ART	362	Interior Design	3
ART	431	Project Seminar	3
ART	430	Commercial Art	3
ART	491	Studio Problems (May be repeated for additional credit)	<u>3</u>
		12 semester credit hours must be taken.	

*Education courses (3 semester hours)

ART 134-135. DRAWING I AND II. This course is designed to expose students to various exercises in drawing techniques. To strengthen the student's knowledge of form, light and shade in regard to composition and design of still-life, landscape and the human body. **(3) Fall (3) Spring.** Materials fee \$10.00.

ART 132. COLOR AND DESIGN. Surface, form and color problems offering opportunity for experimentation through creative exercises. Theories and concepts of two and three-dimensional elements and principles governing composition, materials and techniques are explored. **(3) Spring.** Materials fee \$10.00.

ART 232. CERAMICS. Techniques and processes of making ceramics. Students are taught hand building, glazing, firing and wheel throwing. Supplementary reading is required. **(3) Spring.** Materials fee \$10.00.

ART 233. MODERN ART. A study of contemporary art during the late 18th through 20th centuries. **(3) Fall.**

ART 234. SURVEY IN PRINT MAKING. Investigation of traditional and experiment methods in print making. Studio problems in woodcutting, cardboard printing, block printing, etc. **(3) Spring.** Materials fee \$10.00.

ART 235. SCULPTURE I. Introduction to sculptural form with emphasis on organic unity in three-dimensional work in clay, plaster, wood or sand. **(3) Fall.** Materials fee \$10.00.

ART 236. PAINTING I. Development of proficiency through use of various materials with special regard to the program in the public schools. **(3) Spring.** Materials fee \$10.00.

ART 237. PAINTING II. Continued development of students as professional artists. **Prerequisite: Painting I. (3) Fall.** Materials fee \$10.00.

ART 331-332. SURVEY OF ART HISTORY I & II. An introduction to ancient art, the Middle East, Egyptian, Greek, and Roman Early Christian, Renaissance, through the contemporary. **(3) Fall, (3) Spring.**

ART 333. HISTORY AND PHILOSOPHY OF ART EDUCATION. The history and development of art education in the United States with emphasis on contemporary philosophies and their effect on art in the public schools. **(3) Spring.**

ART 336. SURVEY IN CRAFT I. This course covers the materials, tools and processes used in craft activities in early childhood education and in the elementary and junior high schools. Recreation, paper craft, creative design, introduction to weaving and basketry, fabrics, looms, macrame, wood and clay. **(3) (Fall)** Materials fee \$10.00.

ART 337. SURVEY IN CRAFT II. This course covers essentially the materials, tools, and processes described above as they relate to students majoring outside the Art Studies concentration, ie—students of Physical Education, Recreation, Early Childhood Education, etc. **(3) Spring.** Materials fee \$10.00.

ART 347. WATER COLOR PAINTING. Experimental exploration of wash, transparent water color, and opaque water color, their possibilities and limitations, with special techniques and pictorial problems. **(3) Fall.** Materials fee \$10.00.

ART 362. INTERIOR DESIGN. This course deals with the principal methods of furniture styles, isometric, perspectives, model construction materials; fabric,

papers, floor covering, and color as they apply to interior design. **Elective. (3) Fall.** Materials fee \$10.00.

ART 430. COMMERCIAL ART. Illustration techniques, different materials and rendering employed in advertising illustration, techniques, promotions, brochures, package design, technical processes of art, getting things camera ready, type, lettering, air brush, colored ink, scratch board, etc. **(3) Spring.** Materials fee \$10.00.

ART 431. FUNDAMENTALS OF PHOTOGRAPHY. Emphasis upon the development of a sensitive photographic eye, and upon photography as an art form. Basic techniques include film making, enlarging, photogram, pin hole camera, etc. A good camera required. **(3) Fall.** Materials fee \$10.00.

ART 491. STUDIO PROBLEMS. A studio course for art majors only with great emphasis on independence in regard to stimulation and evaluation. The problem course will afford students the opportunity to design, in conjunction with the instructor, a series of problems pertinent to their interests and needs. **Prerequisite: Basic Work in Medium. (3) Fall.**

COURSES FOR EARLY CHILDHOOD EDUCATION AND ELEMENTARY EDUCATION MAJORS

ART 130. EXPLORATORY ART. Exploration into basic drawing, painting with tempera, simple crafts, clay, simple painting, potato painting, paper maché, etc. **(3)**

ART 230. ART APPRECIATION. Introduction to study of art. Basic quality of various forms of artistic expressions with emphasis placed on the application of art principles. **(3)**

ART SEQUENCE

First Year			Second Semester		
First Semester			Second Semester		
Descriptive	Title		Descriptive	Title	
ENG 131	English Composition	3	ENG 132	English Composition	3
ENG 122	Reading	2	ENG 123	Reading	2
EDUCA 111	Freshman Orientation	½	ENG 121	Speech	2
ART 134	Drawing I	3	ART 135	Drawing II	3
HIST 133	World Civilization	3	HIST 134	World Civilization	3
MATH 130	Fund. Mathematics	3	ENG 234	Introd. to Drama	3
PE 100	Personal Hygiene	½	PE 104	Physical Education	½
Total		15	Total		16½

Second Year			Second Semester		
First Semester			Second Semester		
BIOL 131	Fund. of Biology	3	CHEM 131	Physical Science	3
ENG 221	Humanities	2	MUSIC 120	Fund. of Music	2
ART 236	Painting I	3	ENG 222	Humanities	2
ART 336	Survey in Craft I	3	ART 237	Painting II	3
PSYCH 232	General Psychology	3	ART 337	Survey in Craft II	3
PE 105	Physical Education	½	PE 106	Physical Education	½
HIST 231	American History	3	HIST 232	American History	3
Total		17½	Total		16½

Third Year

First Semester			Second Semester		
EDUCA 428	Educational Media	2	SOC 132	Intro. to Sociology or	
PE 241	Anatomy	3	ECON 235	Prin. of Economics or	
ART 331	Survey of Art History	3	SOC 233	Cultural Anthropology	3
ART 235	Elementary Sculpture I	3	PE 242	Physiology of Phy. Edu.	3
ART 491	Studio Problems	3	ART 431	Fund. of Photography	3
ART 132	Color and Design	3	ART 232	Ceramics	3
			HIST 233	Survey of European History	3
	Total	17		Total	15

Fourth Year

First Semester			Second Semester		
HIST 323	Afro American Hist.	3	ENG 231	World Literature	3
PHIL 431	Origin of Beliefs	3	ART 430	Commercial Art	3
ART 347	Water Color Painting	3	ART 498	Project Seminar	3
ART 362	Interior Design or Elective				
		3			
	Total	15		Total	9

ELECTIVE COURSES FOR ART STUDIES

PSYCH 232	General Psychology	3
EDUCA 428	Educational Media	2
PE 241	Anatomy	3
PE 242	Physiology	3
MUSIC 120	Fundamentals of Music	2
HIST 231	American History	3
HIST 233	European History	3
HIST 323	Afro American History	3
ENG 231	World Literature	3

INTERDEPARTMENTAL COURSES

ENG 221-222. HUMANITIES. Humanities is an interdisciplinary two-semester sequential course which is designed to offer insights into understanding man. The purpose of the course is to examine some myths and cultural traits which are reflected in human experiences. Music, the visual arts and literature which includes philosophy, history and non-technical aspects of the behavioral and natural sciences are the various disciplines which comprise the course. Emphasis is placed on the role of humanities toward improving world understanding in contemporary society. Music and art appreciation are also stressed. **(2) Fall, (2) Spring.** Laboratory fee \$3.00 per semester.

COURSES IN PHILOSOPHY

The offering in this field is designed (a) to provide preliminary training for those interested in religious education as a vocation; (b) to qualify persons to meet the requirements of teaching Bible.

PHIL 431. GENERAL EDUCATION: ORIGIN OF BELIEFS. History of the Hebrew people and a study of the development of beliefs with emphasis on the prophets and their teachings. Also a study of the New Testament. Open to sophomores, juniors, and seniors. **(3) Fall or Spring.**

PHILOSOPHY

PHIL 432. ETHICS. The primary objective of this course is to orientate the student to the background and evolution of morality. It recognizes the scope of personal and social problems of modern times, and it offers a basis for the study of Ethics as a real live issue in the world of today. It is expected that this course will be positively helpful to students in their effort to think their way through the social and moral issues confronting them daily. Open to sophomores, juniors, and seniors. **(3) Fall or Spring.**

UNIVERSITY YEAR IN ACTION

UYA 303. SEMINARS IN ENRICHED EXPERIENCES. Students enrolled in the University Year for Action Program present papers describing their approach to the solution to managerial and economic problems in the municipalities to which they have been assigned. Resource people from local and state government will assist them in their efforts. **(4-6) Spring.**

UYA 307. ACTION INTERNSHIP. An intern program that permits students enrolled in the University Year for Action Program to coordinate their classroom training with experiences in municipal government. Students assist mayors in solving managerial and economic problems. **(6) Spring.**

DIVISION OF NATURAL SCIENCES

The Division of Natural Science offers programs of studies designed to provide fundamental training in the Life Sciences, Physical Science and Mathematics for students planning careers in teaching, medicine, dentistry, allied health, industrial hygiene, government, computer science, engineering and research.

Moreover, students develop an appreciation of the scope of the living world and the laws that govern it, the interrelationship of all knowledge, the development of scientific concepts, the scientific method and the contributions of science to the betterment of all mankind.

The mission of the Division is to prepare all Science majors to become knowledgeable agents of change as well as capable, creative and responsible citizens of independence and integrity. Furthermore, the Division seeks to provide an atmosphere in which each Science major can develop his/her intellectual capacity to a maximum by sharing in learning experiences which result in the acquisition of scientific knowledge, techniques and skills.

In addition the mission is to expand the resources and improve existing facilities in order to better prepare Science majors for gaining admission to professional and graduate schools as well as careers in the health professions, engineering, computer science, industrial hygiene, research and teaching.

Objectives

1. To modify the course offerings in each department to the extent dictated by the needs of Science majors.
2. To develop and modify curricula in areas where blacks are under-represented; namely, science teacher education, engineering, computer science, the health professions and research.
3. To raise the overall level of proficiency of Science majors in biology, chemistry and mathematics courses by enrolling 20% in some type of summer academic enrichment program and by providing tutoring sessions in areas where they are deficient such as mathematics, reading, and chemistry.
4. To increase the number of majors who gain admission to graduate and professional schools by recruiting fifteen 900-S.A.T. students per year.
5. To improve the counseling and advisement system in the Division to ensure that all majors who need such services will receive it.

INTERDEPARTMENTAL COURSES

Courses in Geology and Physical Science are offered by the Division of Natural Sciences in order to supplement the curricula within the Division and to allow students outside the Division to meet the State requirements for teacher certification.

PHIL 457. PHILOSOPHY OF SCIENCE. A critical examination of the writings of philosophers and scientists which will acquaint students with the works of scientists and the explanations that philosophers have given them. A thorough look at the ideas that have influenced man's behavior in time is presented.

Prerequisites: None. Open to all students. (2) Fall (2) Spring.

GEOL 335. PRINCIPLES OF GEOLOGY. Taught in two parts with close correlation between them. Part I: Physical Geology. Origin, composition, and structure of rocks and minerals; the earth's setting, its crust, geologic forces, and man's place as a geologic force. Part II: Historical Geology. A consideration of the major eras, concentrating on the Pleistocene epoch and its ice sculpturing; the relationship of geologic, paleoecological, and climatic factors to the evolution and distribution of organisms on earth. The laboratory deals with a study of minerals, rocks, fossils and land form maps. Field trips are taken, one of which is for three days. **Prerequisites: Biology 141, 142; Chemistry 141, 142. Two lectures and one two-hour laboratory period weekly. Laboratory fee \$12.50. (3) Spring.**

CHEM 131. FUNDAMENTALS OF PHYSICAL SCIENCE. Principals and topics related to the fields of chemistry, geology, physics, astronomy, and meteorology. Subject matter includes such topics as the solar system, energy relationships in the universe, the changing earth, atoms, molecules, and chemical reactions, causes and effects of weather changes, etc. Two one-hour lectures and one three-hour laboratory per week. **(3) Fall or Spring.** Laboratory fee \$12.50.

Department of Biology

Mission

The Department of Biology is structured such that learning is facilitated through the analysis and synthesis of biological data. In addition it is committed to the intellectual, cultural and personal development of its students. The curriculum is designed to implement the mission through its offering of training in the Life Sciences for students planning careers in teaching, medicine, dentistry, allied health, industry, government, and research.

OBJECTIVES

Some of the aims of the Biology Department are: (1) to train students in the use of the methods of science in solving problems, (2) to develop skills in the use of laboratory equipment and in the reading of biological literature, (3) to provide students with a knowledge of fundamental biological concepts in order to prepare them for graduate studies in the life sciences, and (4) to provide students with a basic knowledge of biology in order to enable them to study medicine, allied health, or to teach the life sciences. The program of general education required of all life science majors approximates a total of 41 credit hours.

SCIENCE AND MATHEMATICS COURSES

Biology majors are required to make a grade of at least 'C' in each of the following science and mathematics courses: Biology 141, 142, 241, 242, 335, 341, 342, 423, 441, 442, 426*; Chemistry 141, 142, 341, 342, 445*; Physics 241, 242; Mathematics 131, 132. Mathematics 231, 232 and 331 are strongly recommended as electives.

General Education Requirements

Descriptive Title

Eng 122-123 Reading	4
ENG 131-132 English Composition	6
ENG 121 Speech	2
HIST 133-134 World Civilization	6
FREN 131-132 Elem. French	
or	
GERM 131-132 Elem. German	6
FREN 231-232 French	
or	
GERM 231-232 German	6
ENG 221-222 Humanities	4
PSYCH 232 General Psychology	3
HPE 104, 105, 106 Physical Education	1½
PHIL 431 General Education: Origin of Beliefs or	
PHIL 432 Ethics	3
SOC 132 Introd. to Sociology or	
ECON 235 Principles of Economics	3
EDUCA 111 Freshman Orientation	½
HPE 100 Personal Hygiene	½
Total	45½

Teacher Certification — Biology Major

Descriptive Title

BIOL 141 General Zoology	4
BIOL 142 General Botany	4
BIOL 241 Comparative Anatomy	4
BIOL 242 Comparative Embryology	4
BIOL 341 Entomology	4
BIOL 342 General Physiology	4
BIOL 442 Genetics	4
BIOL 321 Seminar in Biology	1
Total	29

Non-Teacher Certification — Biology Major

Descriptive Title

BIOL 141 General Zoology	4	BIOL 342 General Physiology	4
BIOL 142 General Botany	4	BIOL 441 Bacteriology	4
BIOL 241 Comparative Anatomy	4	BIOL 442 Genetics	4
BIOL 242 Comparative Embryology	4	BIOL 421 Special Problems in Biology	2
BIOL 442 Histology	4	BIOL 321 Seminar in Biology	1
		BIOL 344 General Biochemistry	4
		Total	39

*Not required for teacher certification.
Jackets are required.

Majors in the Life Sciences

Required course hours	25-33
Required Electives	5
Supporting Courses in Mathematics, Chemistry, and Physics	
Chemistry	20-24
Mathematics	6-9
Physics	8
Total	34-41
Free electives	14
General Education Requirements	41

PRE-PROFESSIONAL PROGRAMS

1. Pre-Medical Major			2. Medical Technology Major		
Descriptive Title			Descriptive Title		
BIOL 141 General Zoology	4		BIOL 141 General Zoology	4	
BIOL 142 General Botany	4		BIOL 142 General Botany	4	
BIOL 241 Comparative Anatomy	4		BIOL 442 Histology	4	
BIOL 242 Comparative Embryology	4		BIOL 441 Bacteriology	4	
BIOL 441 Bacteriology	4		BIOL 325 Parasitology	3	
BIOL 342 General Physiology	4		BIOL 342 General Physiology	4	
BIOL 442 Histology	4		BIOL 426 Radiobiology	2	
BIOL 321 Seminar in Biology	1		BIOL 321 Seminar in Biology	1	
			BIOL 421 Special Prob. in Bio.	3	
Total	29		Total	29	

TEACHER CERTIFICATION — BIOLOGY

First Year			Second Semester		
Descriptive Title			Descriptive Title		
BIOL 141 General Zoology	4		BIOL 141 General Botany	4	
ENG 131 English Composition	3		ENG 132 English Composition	3	
FREN 131 French or			FREN 132 French or		
GERM 131 German	3		GERM 132 German	3	
MATH 131 Algebra	3		MATH 132 Analytic Geometry	3	
EDUCA 111 Freshman Orientation	½		CHEM 142 General Chemistry	4	
PE 100 Personal Hygiene	½		PE 104 Physical Education	½	
CHEM 141 General Chemistry	4		ENG 123 Reading	2	
ENG 122 Reading	2				
Total	20		Total	19½	

Second Year			Second Semester		
Descriptive Title			Descriptive Title		
BIOL 241 Comparative Anatomy	3		BIOL 242 Comparative Embry.	4	
ENG 121 Speech	2		PSYCH 232 General Psychology	3	
ENG 221 Humanities	2		ENG 222 Humanities	2	
FREN 231 French or			FREN 232 French or		
GERM 231 German	3		GERM 232 German	3	
HIST 133 World Civilization	3		HIST 134 World Civilization	3	
Electives	3		Elective	1	
PE 105 Physical Education	½		HPE 106 Physical Education	½	
Total	16½		Total	16½	

Third Year					
First Semester			Second Semester		
PHYS 241	General Physics	4	PHYS 242	General Physics	4
CHEM 341	Organic Chemistry	4	CHEM 342	Organic Chemistry	4
EDUCA 233	Foundation of Education	3	BIOL 342	General Physiology	4
SOC 132	Introd. to Sociology	3	BIOL 442	Genetics	4
PHIL 431	General Education: Origin of Beliefs or		EDUCA 432	Tests & Measurements	3
PHIL 432	Ethics	3			
Total		17	Total		19

Fourth Year		
First Semester		Second Semester
BIOL 341	Entomology	4
BIOL 441	Bacteriology	4
EDUCA 331	Principles of Sec. Edu.	3
EDUCA 343	Science Methods	3
PSYCH 332	Psychology of Adolescence	3
BIOL 344	General Biochemistry	4
Total		21

Note: It may be necessary for a student to attend summer school to complete all course requirements.

ELEMENTARY EDUCATION — CONCENTRATION IN SCIENCE

In addition to the required General and Professional courses, Elementary Education majors who take a concentration in science are required to complete the following courses:

First Year		
Descriptive Title		
BIOL 141	General Zoology	4
BIOL 142	General Botany	4
MATH 131	Algebra	3
MATH 132	Analytic Geometry	3

Second Year		
Descriptive Title		
CHEM 141	General Chemistry	4
CHEM 142	General Chemistry	4

Third Year		
Descriptive Title		
PHYS 231	General Physics	4
PHYS 232	General Physics	4

MAJOR IN BIOLOGY

			First Year		
First Semester			Second Semester		
BIOL 141	General Zoology	4	BIOL 142	General Botany	4
MATH 131	Algebra	3	MATH 133	Trigonometry	3
ENG 131	English Composition	3	ENG 131	English Composition	3
EDUC 111	Freshman Orin	½	ENG 123	Reading	2
ENG 122	Reading	2	PE 104	Physical Education	½
PE 100	Personal Hygiene	½	CHEM 142	General Chemistry	4
CHEM 141	General Chemistry	4			
	Total	17		Total	16½

		Second Year			
First Semester			Second Semester		
BIOL 241	Comparative Anatomy	4	ENG 222	Humanities	2
CHEM 241	Qualitative Anal	4	BIOL 242	Comparative Embry.	4
ENG 221	Humanities	2	CHEM 242	Quantitative Anal	4
PE 105	Physical Education	½	BIOL 321	Biology Seminar	1
MATH 132	Analytical Geometry	3	PE 106	Physical Education	½
HIST 133	World Civilization	3	MATH 231	Calculus I	3
			HIST 134	World Civilization	3
	Total	16½		Total	17½

Third Year		
First Semester		Second Semester
PSY 232	General Psychology	3
CHEM 341	Organic Chemistry	4
PHYS 241	General Physics	4
ENG 121	Speech	2
BIOL 342	General Physiology	4
Total		17

Fourth Year		
First Semester		Second Semester
BIOL 441	Bacteriology	4
BIOL 341	Entomology	4
BIOL 426	Radiobiology	2
MATH 321	Computer Instruction	2
SOC 132	Intro to Sociology	3
Total		15
BIOL 442	Genetics	4
PHIL 432	Ethics	3
BIOL 322	Histology or	4
BIOL 324	Parasitology	3
BIOL 421	Special Problems	3
ECON 235	Principles of Economics	3
Total		17

PRE-MEDICAL CURRICULUM

		First Year			
First Semester		Second Semester			
Descriptive	Title		Descriptive	Title	
BIOL 141	General Zoology	4	BIOL 142	General Botany	4
MATH 131	Algebra	3	ENG 132	English Composition	3
ENG 131	English Composition	3	ENG 123	Reading	2
EDUCA 111	Freshman Orientation	½	CHEM 142	General Chemistry	4
ENG 122	Reading	2	MATH 133	Trigonometry	3
CHEM 141	General Chemistry	4	PE 104	Physical Education	½
PE 100	Personal Hygiene	½			
	Total	17		Total	16½

Second Year					
First Semester			Second Semester		
BIOL 241	Comparative Anatomy	4	BIOL 242	Comparative Embry.	4
ENG 121	Speech	2	CHEM 342	Organic Chemistry	4
CHEM 341	Organic Chemistry	4	MATH 231	Calculus I	3
MATH 132	Analytic Geometry	3	HIST 134	World Civilization	3
HIST 133	World Civilization	3	BIOL 321	Biology Seminar	1
BIOL 321	Biology Seminar	1	Electives		2
PE 105	Physical Education	½	PE 106	Physical Education	½
Total		17½	Total		17½

Third Year

First Semester			Second Semester		
PHYS 241	General Physics	4	PHYS 242	General Physics	4
BIOL 441	Bacteriology	4	BIOL 344	General Biochem.	4
ENG 221	Humanities	2	BIOL 422	Histology	4
GOVT 331	Introd. to Pol. Sci.	3	ENG 222	Humanities	2
BIOL 344	General Biochemistry	4	SOC 132	Introd. to Soc.	3
Total		17	Total		17

Fourth Year

First Semester			Second Semester		
CHEM 241	Qualitative Analysis	4	CHEM 242	Quantitative Analysis	4
BIOL 321	Biology Seminar	1	BIOL 442	Genetics	4
BIOL 421	Special Problems in Biology	3	SOC 234	Social Psychology	3
PSYCH 232	General Psychology	3	GOVT 332	American National Government	3
PHIL 431	General Education: Origin of Beliefs or		Elective		2
PHIL 432	Ethics	3			
MATH 321	Computer Instruction	2			
Total		16	Total		16

Medical Technology

The Department of Biology of Saint Augustine's College in cooperation with an approved school of medical technology offers two curricula which lead to the Bachelor of Science degree. These degree requirements are met through the 3-plus-1 plan or the 4-plus-1 plan. In both instances, Saint Augustine's will award the degree and the approved school of medical technology will award the certificate.

To qualify for the degree and certificate under the 3-plus-1 plan (curriculum), students must earn a minimum of 100 semester hours of academic training and successfully complete a minimum of 12 months of clinical training in an approved school of medical technology. The student is then eligible to take the national registry examination which must be passed prior to becoming a certified medical technologist. The requirements to be satisfied within the Division of Natural Sciences and Mathematics include 26 semester hours in biology, 20 in chemistry, 8 in physics and 6 in mathematics. Students in the 4-plus-1 plan (curriculum) must complete a minimum of 34 semester hours in biology. The requirements in physics, chemistry and mathematics are the same as for the 3-plus-1 plan.

Upon admission to the college, a freshman may declare an intent to major in medical technology. Immediately thereafter, he or she will be advised by the director of the allied health program and the faculty in the Department of Biology. A decision on the formal admittance of a student into the program will be made by an Allied Health Evaluation and Assessment Committee just prior to the completion of two semesters of academic training at Saint Augustine's. This admission, however, does not guarantee admission into a hospital school of medical technology. It is the student's responsibility to apply for and gain entrance to an approved school.

All chemistry and biology courses must be passed with a grade of "C" or better.

Medical Technology

		First Year		Second Semester	
First Semester					
MATH 131	College Algebra	3	MATH 133	Trigonometry	3
BIOL 141	Gen. Zoology	4	BIOL 142	Gen. Botany	4
CHEM 141	Gen. Chemistry	4	CHEM 142	Gen. Chemistry	4
ENG 122	Reading	2	ENG 123	Reading	2
ENG 131	English Composition	3	ENG 132	English Composition	3
PE 100	Personal Hygiene	½	PE 104	Health & Phy. Ed.	½
EDUCA 111	Freshman Orientation	½			
Total		17	Total		16½
		Second Year		Second Semester	
First Semester					
HIS 133	World Civilization	3	HIS 134	World Civilization	3
PHY 241	Gen. Physics	4	PHY 242	Gen. Physics	4
CHEM 241	Qualitative Analysis	4	CHEM 242	Quantitative Analysis	4
SOC 132	Intro. to Sociology	3	BIOL 242	Com. Embryology	4
HUM 221	Humanities	2½	HUM 222	Humanities	2
PE 105	Health & Phy. Ed.	½	PE 106	Health & Phy. Ed.	½
Total		16½	Total		17½
		Third Year		Second Semester	
First Semester					
BIOL 342	Gen. Physiology	4	BIOL 344	Gen. Biochemistry	4
CHEM 341	Organic Chemistry	4	BIOL 442	Genetics	4
BIOL 441	Bacteriology	4	PSY 232	Gen. Psychology	3
ENG 121	Speech	2	PHI 432	Ethics	3
BIOL 321	Biology Seminar	1	BIOL 321	Biology Seminar	1
Total		15	Total		15
		Fourth Year		Second Semester	
First Semester					
BIOL 321	Biology Seminar	1	BIOL 325	Parasitology	3
BIOL 426	Radiobiology	2	SOC 234	Soc. Psychology	3
BIOL 421	Special Problems in Biology	3	ECON 235	Principles of Economics	3
MATH 321	Computer Instruction	2	Electives		6
Electives*		3			
BUS 241	Elementary Typing	2			
Total		13	Total		15

TYPICAL SEQUENCE OF COURSES TO BE TAKEN AT AN APPROVED MEDICAL SCHOOL OF TECHNOLOGY:

Subjects	Lecture Hours	Laboratory Hours	Weeks
Urinalysis	10	70	2
Hematology	24	416	11
Chemistry	30	490	13
Bacteriology	20	380	10
Serology	10	70	2
Parasitology	8	72	2
Mycology	7	33	1
Blood Bank	16	304	8
Histology	5	35	1

*Electives must be chosen in consultation with the academic advisor.

Chemistry 241, Qualitative Analysis (4)
Chemistry 242, Quantitative Analysis (4)
Chemistry 341, Organic Chemistry (4)
Chemistry 342, Organic Chemistry (4)

Physics (8 semester hours required)

Physics 241, General Physics (4)
Physics 242, General Physics (4)

Mathematics (3 semester hours required)

Mathematics 131 (3), Algebra

The liberal arts courses which are required are the following:

English 131, English Composition (3)
English 132, English Composition (3)
ENG 121, Speech (2)
EDUCA 111, Freshman Orientation (½)
PHIL 431 General Education: Origin of Beliefs
or
PHIL 432 Ethics (3)
ENG 221, Humanities (2)
ENG 222, Humanities (2)
PE 100 Personal Hygiene (½)
PE 104, 105, 106 Physical Education (1½)

Other courses that are to be used to complete the requirements are to be selected from the following:

Psychology

PSYCH 232, General Psychology (3) (required)
PSYCH 332, Psychology of Adolescence (3)
PSYCH 331, Child Psychology (3)

History and Government

HIST 133-134, World Civilization (required) (6)
HIST 323, The Afro-American in U.S. History (3)

English

ENG 328, American Literature (3)

Sociology and Social Welfare

SOC 132, Introduction to Sociology (3) (required)
SOC 231, Modern Social Problems (3)
SOC 235, Urban Sociology (2)
SOC 327, Race Relations in American Society (2)

DESCRIPTION OF COURSES

BIOL 131. FUNDAMENTALS OF BIOLOGY. Considers the philosophy of science; the scientific method; the nature and organization of living matter; structure-function relationships; principles of development, growth, reproduction, and metabolism, the relationship of heredity and ecology to behavior; conservation, taxonomy, and evolution. Laboratory work includes training in the use of the microscope; the study of various taxonomic groups of animals and plants; and selected experiments in heredity, genetics, taxonomy, and physiology. Field trips may be taken to selected sites. **Prerequisites: None.** **Two lectures and one two-hour laboratory period per week. Laboratory fee \$7.50. (3) Fall or Spring.**

BIOL 141. GENERAL ZOOLOGY. Theories, principles, and concepts of animal life. Lectures include the nature of matter and animal body materials; structure-function relationships; basic laws of heredity and ecology and their relationship to behavior and organic evolution. The laboratory work consists of training in the use of the microscope; a study of specimen from various taxonomic groups including dissections; classification and nomenclature. **Prerequisites: None. Two lectures and one three-hour laboratory period weekly. Laboratory fee \$12.50. (4) Fall or Spring.**

BIOL 142. GENERAL BOTANY. Theories, principles, and concepts of plant life. Lectures concentrated on the basic structures, economic importance, physiological phenomena, and taxonomic survey of the plant kingdom. **Prerequisites: None. Two lectures and one three-hour laboratory period weekly. Laboratory fee \$12.50. (4) Fall or Spring.**

ECO 201. GENERAL ECOLOGY. This course covers the fundamental principles of ecology. Subject matter integrates various aspects of the following: plant and animal ecology, basic and applied ecology, empirical and theoretical ecology. The importance of evolutionary adaptations in ecological phenomenon is also emphasized. The laboratory includes field trips and studies of local natural ecosystems. **Prerequisites: BIOL 141 and 142. One one-hour lecture and one two-hour laboratory period per week. (3) Spring.**

BIOL 241. COMPARATIVE VERTEBRATE ANATOMY. A study of morphology, systematics and phylogenetic relationships, with emphasis on the vertebrates. A consideration of various theories of evolution and the use of comparative anatomical evidence in support of organic evolution. The laboratory includes dissection and the study of specimen from various vertebrate classes. **Prerequisites: Biology 141 and 142. Two lectures and two two-hour laboratory periods weekly. Laboratory fee \$12.50. (4) Fall. Lab Jacket Required.**

BIOL 242. COMPARATIVE EMBRYOLOGY OF THE VERTEBRATES. A study of growth and development processes among the various classes of vertebrates. The laboratory work involves a comparative, systematic study of the embryology of selected organisms. **Prerequisites: Biology 141 and 241. Two lectures and two two-hour laboratory periods a week. Laboratory fee \$12.50. (4) Spring. Lab Jacket Required.**

BIOL 321. SEMINAR. Informal discussion and consideration of pertinent biological concepts, theories, and principles using selected printed materials, audio-visual aids, and student, faculty, and off-campus speakers. **Prerequisites: None. Required each semester of all sophomores, juniors, and seniors who are majoring in the life sciences. (1) Fall or Spring.**

BIOL 324. PARASITOLOGY. A course involving a study of the animal parasites, emphasizing the helminths. Lectures involve host-parasite relations, morphology, classification, behavior distribution, and economic importance of parasites. The laboratory work deals with morphology, identification and staining of various parasites. **Prerequisites: Biology 141 and 142. Two lectures and one three-hour laboratory period weekly. Laboratory fee \$12.50. (3) Spring. Lab Jacket Required.**

BIOL 341. ENTOMOLOGY. A general course in the study of insects. Lectures involve morphology, ecology, behavior and systematic classification of insects with consideration of certain economically important groups of insects. Labora-

tory work deals with the collection and taxonomy of families of insects. **Prerequisites: Biology 141. Two lectures and one four-hour laboratory period weekly. Laboratory fee \$12.50. (4) Fall. Lab Jacket Required.**

BIOL 342. GENERAL PHYSIOLOGY. The relationship of physiochemical phenomena to the functionings of living systems and to the behavior of living organisms. Stress is placed on the relationship of cellular physiology to systematic functions. Laboratory work includes demonstrations and individual studies of various physiological phenomena, using appropriate equipment and living specimen. **Prerequisites: Biology 141, 241; Chemistry 141, 142 and 341; Mathematics 131 and 132; Physics 241 and 242. Two lectures and one four-hour laboratory period weekly. Laboratory fee \$12.50. (4) Spring. Lab Jacket Required.**

BIOL 344. GENERAL BIOCHEMISTRY, formerly MOLECULAR BIOLOGY. This course provides an introduction to the fundamental chemical processes of living systems. Particular attention is given to the metabolism of carbohydrates, lipids, proteins and nucleic acids. Enzymes, kinetics and energetics are also discussed. **Prerequisites: BIOL 141 and 142; CHEM 341; MATH 131 and 132 or 133. Two one-hour lectures and one four-hour laboratory period per week. Lab jackets required. Laboratory fee \$12.00. (4) Fall.**

BIOL 421. SPECIAL PROBLEMS IN BIOLOGY. A research course for biology majors. Conferences and research involving some of the current problems in biology. **Prerequisite: Consent of Instructor. Laboratory fee \$12.50. (3) Fall or Spring.**

BIOL 422. HISTOLOGY. A study of the microscopic anatomy of vertebrate animals with emphasis on the human body. Lectures include a systematic treatment of the characteristics of various types of tissues, emphasizing structure-function relationships. Laboratory work includes a microscopic study of various types of tissues, and demonstrations of certain histological techniques used in the making of prepared slides. **Prerequisites: Biology 141, 142, and 242; Chemistry 141 and 142. Two lectures and one three-hour laboratory period a week. Laboratory fee \$12.50. Elective — Not offered every year. (4) Spring. Lab Jacket Required.**

BIOL 426. RADIOBIOLOGY. A study of the effects of ionizing radiations on living systems. Lectures include a consideration of dosimetry, radiation genetics, radiation embryology, radiosensitivity, radioecology, radiotherapy and the fallout problem. Laboratory work involves tracer experiments, differential absorption studies, and the preparation of autoradiographs. **Prerequisites: Biology 141, 142, and 241; Chemistry 141, 142 and 445; Physics 241 and 242; Mathematics 131 and 132. One lecture and one two-hour laboratory period a week. Laboratory fee \$12.50. (2) Spring.**

BIOL 441. BACTERIOLOGY. A study of the fundamental concepts of microbiology, with emphasis on the bacteria. Lectures include bacterial morphology, taxonomy, genetics, ecology, physiology; principles of infection, disinfection, and resistance; and a consideration of some economically important groups of micro-organisms. The laboratory work includes staining techniques, and a study of the morphological, cultural, and biochemical characteristics of bacteria. **Prerequisites: Biology 141 and 142; Mathematics 131 and 132; Chemistry 341 and 342. Two lectures and two two-hour laboratory periods a week. Laboratory fee \$12.50. (4) Fall.**

BIOL 442. GENETICS. An introductory study of heredity in plants and animals, including man, and the concomitant biological and sociological problems. Lectures involve heredity, evolution, eugenics, and the sociological aspects of inheritance. Laboratory work involves a study of some of the aspects of heredity in *Drosophila*, and selected plants. **Prerequisites: Biology 141, 142 and 242; Mathematics 131 and 132. Two lectures and two two-hour laboratory periods a week. Laboratory fee \$12.50. (4) Spring. Lab Jacket Required.**

COURSES IN BIOLOGY FOR IN-SERVICE TEACHERS

BIOL 212. ASPECTS OF MODERN BIOLOGY. A study of cellular, hereditary and developmental aspects of biology. Consideration is given to such topics as cell structure and physiology; the diversity of living organisms; development, heredity, ecology and evolution. **Prerequisites: None. (3) Summer. Laboratory exercises are closely correlated with lecture topics. Field trips are taken. Text book and Laboratory Manual — BSCS Biology. (Yellow Version). Fee \$12.50.**

BIOL 524. FUNDAMENTAL PRINCIPLES OF BIOLOGY. Basic concepts in animal and plant biology. A consideration of scientific philosophy and methods; cell structure and physiology; principles of growth, development and reproduction; the relationship of heredity and ecology to behavior and evolution. Laboratory exercises are correlated with lecture topics. Field trips are taken. **Prerequisites: None. Fee \$12.50. (3) Fall or Spring, or Summer.**

COOPERATING RALEIGH COLLEGES PROGRAM AT MEREDITH COLLEGE

The following courses are offered under the Cooperating Raleigh Colleges Program at Meredith College. Students who wish to major in Plant Science may enroll in them. Special registration forms may be secured from the Registrar of Saint Augustine's College for courses to be taken at Meredith College.

Botany 221. ADVANCED PLANT BIOLOGY. An advanced plant science course combining basic studies in seed plant physiology and anatomy with traditional plant morphology in which all major groups of the plant kingdom are surveyed. **(4) Fall.**

Zoology 222. INVERTEBRATE ZOOLOGY. A comparative phylogenetic approach to the major groups of the invertebrate animals. Both type animals commonly encountered and transitional forms are studied as to life history, morphology, physiology, ecology and economic importance. **(4) Spring.**

DEPARTMENT OF CHEMISTRY

PURPOSE

The Department of Chemistry is one of three departments within the Division of Natural Sciences. The purpose of the Department is to offer instruction in the disciplines of chemistry, physical science, and industrial hygiene and safety in order to assist the institution's students toward reaching their academic and professional goals.

Objectives

1. To produce professionals in chemistry and industrial hygiene and safety.
2. To provide chemistry training and skills required of students receiving major concentrations from the Departments of Chemistry, Biology, and Mathematics.
3. To offer physical science courses in order to improve the scientific literacy of non-science majors.

Mission

The current mission of the Department of Chemistry is to help prepare students to become knowledgeable agents of change — capable, creative and responsible citizens of independence and integrity; who make positive contributions to society — by helping to provide for maximum development of their intellectual capacity, developing practices of scholarship, imagination, wisdom, and judgment; providing opportunities for scientific growth; providing experiences in acquiring knowledge and skills in the disciplines of chemistry, physical science, and industrial hygiene and contributing to research related to the teaching-learning process and the general improvement of the environment.

In addition, the mission of the Department is to support the possibility of a community of scientific scholars which generates ideas, values, methodologies and techniques.

The Department prepares its students for graduate and professional experience in law, medicine, chemistry, engineering, teaching, research and public service. These areas are manifested through courses in chemistry, physical science, industrial hygiene and safety.

The Department includes special programs in chemistry and industrial hygiene and safety, cooperative education internships and occasional work-learning experiences calculated to demonstrate a positive connection between career development and liberal learning which are available in the Department of Chemistry.

The following courses are required of all students who major in Chemistry: General Chemistry 141, 142; Qualitative Analyses 241, 242; Organic Chemistry 341, 342; Physical Chemistry 441, 442.

CHEMISTRY MAJORS. The program consists of one year of General Chemistry, one year of Analytical Chemistry, one year of Organic Chemistry and one year of Physical Chemistry. Four advanced courses are also offered. All majors are advised to take courses in Psychology, to take mathematics as a second major, and to take humanities as electives. Students presenting two or more units of a foreign language from high school are required to take an additional year of that same language or two years of another language.

CHEMISTRY MINORS AND TEACHER TRAINEES. This program offers the student a knowledge of chemistry to meet the requirements of his/her department and program of study. The courses and sequences vary considerably.

SPECIAL REQUIREMENTS. All students enrolled in a chemistry course are required to bring a lintless towel and a laboratory apron to the laboratory. A fee

of \$12.50 is charged for each laboratory course and students will be billed for breakage of any laboratory equipment.

General Education Requirements

Descriptive Title	
EDUCA 111 Freshman Orientation	½
ENG 131-132 English Composition	6
ENG 121 Speech	2
PE 100 Personal Hygiene	½
PE 104, 105, 106 Physical Education	1½
HIST 133-134 World Civilization	6
FREN 131-132-231-232 French	
or	
GERM 131-132-231-232 Germ	12
ENG 221-222 Humanities	4
PSYCH 232 General Psychology	3
SOC 132 Introd. to Sociology	
or	
ECON 235 Principles of Economics	3
PHIL 431 General Education: Origin of Beliefs or	
PHIL 432 Ethics	3
ENG 122-123 Reading	4
Total	45½

Required courses in the Major and Science Related area

Descriptive Title	
CHEM 141 General Chemistry	4
CHEM 142 General Chemistry	4
CHEM 241 Qualitative Anal.	4
CHEM 242 Quantitative Anal.	4
CHEM 341 Organic Chemistry	4
CHEM 342 Organic Chemistry	4
CHEM 441 Physical Chemistry	4
CHEM 442 Physical Chemistry	4
MATH 131-2 Algebra or	
MATH 131-3 Trigonometry	3
MATH 132 Analytic Geom.	3
BIOL 141 General Zoology	4
BIOL 142 General Botany	4
PHYS 241 General Physics	4
PHYS 242 General Physics	4
MATH 231 Calculus	3
MATH 232 Calculus	3
MATH 331 Calculus	3
Total	63

Courses From Which Required Electives may be taken

Descriptive Title	
CHEM 331 Instrumental Analysis	3
CHEM 445 Radiochemistry	4
CHEM 421 Chemistry Seminar	2

Note: Six hours of required electives and ten hours of free electives must be taken.

MAJOR IN CHEMISTRY SCIENCE CERTIFICATION

First Year

First Semester		Second Semester	
Descriptive Title		Descriptive Title	
CHEM 141 General Chemistry	4	CHEM 142 General Chemistry	4
ENG 131 English Composition	3	ENG 132 English Composition	3
HIST 133 World Civilization	3	HIST 134 World Civilization	3
ENG 122 Reading	2	MATH 132 Analytic Geometry	3
MATH 131-2 Algebra or		SOC 132 Introd. to Sociology or	
MATH 131-3 Trig.	3	ECON 235 Prin. of Econ.	3
EDUCA 111 Freshman Orientation	½	PE 104 Physical Education	½
ENG 121 Speech	2	ENG 123 Reading	2
PE 100 Personal Hygiene	½		
Total	18	Total	18½

Second Year

First Semester		Second Semester	
CHEM 241 Qualitative Analysis	4	CHEM 242 Quantitative Analysis	4
PHYS 241 General Physics	4	PHYS 242 General Physics	4
ENG 221 Humanities	2	ENG 222 Humanities	2
MATH 231 Calculus	3	EDUCA 233 Foundations of Education	3
*FREN 131 French or		FREN 132 French or	
*GERM 131 German	3	GERM 132 German	3
PE 105 Physical Education	½	PE 106 Physical Education	½
Total	16½	Total	16½

		Third Year				
First Semester				Second Semester		
CHEM 341	Organic Chemistry	4		CHEM 342	Organic Chemistry	4
CHEM 441	Physical Chemistry	4		CHEM 442	Physical Chemistry	4
FREN 231	French or			FREN 232	French or	
GERM 231	German	3		GERM 232	German	3
BIOL 141	General Zoology	4		PSYCH 232	General Psychology	3
CHEM 421	Chemistry Seminar	2		EDUCA 434	Science Methods	3
Total		17		Total		17
		Fourth Year				
First Semester				Second Semester		
EDUCA 431	Principles of Secondary Education	3		EDUCA 461	Student Teaching	6
EDUCA 321	Educational Psychology	2		PHIL 431	General Education: Origin of Beliefs or	
EDUCA 428	Educational Media	2		PHIL 432	Ethics	3
PSYCH 332	Psychology of Adolescence	3				
Electives		4				
EDUCA 432	Tests & Measurements	3				
Total		17		Total		9

*See Language Requirements

**A student must have the approval of the Vice President for Academic Affairs in order to take more than 17½ hours.

MAJOR IN CHEMISTRY

No Certification

First Year			Second Semester		
First Semester			Second Semester		
Descriptive Title			Descriptive Title		
CHEM 141 General Chemistry	4		CHEM 142 General Chemistry	4	
ENG 131 English Composition	3		ENG 132 English Composition	3	
MATH 131-2 Algebra or			MATH 132 Analytical Geometry	3	
MATH 131-3 Trigonometry	3		BIOL 142 General Botany	4	
BIOL 141 General Zoology	4		PE 104 Physical Education	½	
EDUCA 111 Freshman Orientation	½		ENG 121 Speech	2	
ENG 122 Reading	2		ENG 123 Reading	2	
PE 100 Personal Hygiene	½				
Total	17		Total	18½	

Second Year

First Semester			Second Semester		
Descriptive Title			Descriptive Title		
CHEM 241 Qualitative Analysis	4		CHEM 242 Quantitative Analysis	4	
HIST 133 World Civilization	3		HIST 134 World Civilization	3	
FREN 131 French or			FREN 132 French or		
GERM 131 German	3		GERM 132 German	3	
PHYS 241 General Physics	4		PHYS 242 General Physics	4	
MATH 231 Calculus	3		MATH 232 Calculus	3	
PE 105 Physical Education	½		PE 106 Physical Education	½	
Total	17½		Total	17½	

Third Year

First Semester			Second Semester		
Descriptive Title			Descriptive Title		
CHEM 341 Organic Chemistry	4		CHEM 342 Organic Chemistry	4	
FREN 231 French or			FREN 232 French or		
GERM 231 German	3		GERM 232 German	3	
MATH 331 Calculus	3		ENG 222 Humanities	2	
ENG 221 Humanities	2		PSYCH 232 General Psychology	3	
Electives	5		Electives	3	
Total	17		Total	15	

Fourth Year

First Semester			Second Semester		
Descriptive Title			Descriptive Title		
CHEM 441 Physical Chemistry	4		CHEM 442 Physical Chemistry	4	
PHIL 431 General Education: Origin of Beliefs or Ethics	3		Electives	6	
PHIL 432 Ethics					
SOC 132 Introd. to Sociology or					
ECON 235 Prin. of Economics	3				
Electives	6				
Total	16		Total	10	

DESCRIPTION OF COURSES

CHEM 131. FUNDAMENTALS OF PHYSICAL SCIENCE. Principles and topics are selected from the fields of chemistry, geology, physics, astronomy, and meteorology. Subject matter includes such topics as our solar system, energy relationships in our universe, the changing earth, atoms, molecules, and chemical reactions, causes and effects of weather changes, etc. Two one-hour lectures and one three-hour laboratory per week. **(3) Fall or Spring. Laboratory fee \$12.50. This course is required of all students except those who are majoring in the natural sciences.**

CHEM 141, 142. GENERAL CHEMISTRY. An elementary presentation and treatment of the fundamental principles of chemistry based upon a study of the physical and chemical properties of the elements. Three hours lecture and three hours laboratory a week. Laboratory fee, \$12.50 per semester. **(4) Fall (4) Spring.**

CHEM 241. SEMI-MICRO QUALITATIVE ANALYSIS. The detection and systematic separation of the anions and cations of inorganic salts through elementary treatment of theoretical principles with special emphasis given to structure of compounds, theories of ionization, chemical equilibrium, solubility products, complex formation and oxidation-reduction. Two hours lecture and six hours laboratory. **Prerequisites: Chemistry 142 and Mathematics 132. Laboratory fee \$12.50. (4) Fall.**

CHEM 242. ELEMENTARY QUANTITATIVE ANALYSIS. Gravimetric and Volumetric methods of analysis of samples of single and mixed constituents and treatment of theoretical principles and stoichiometrical relations involved in each determination. Two hours lecture and six hours laboratory a week. **Prerequisites: Chemistry 142 and Mathematics 132. Laboratory fee \$12.50. (4) Spring.**

CHEM 341, 342. ORGANIC CHEMISTRY. The chemistry of the aliphatic (acyclic) and aromatic (isocyclic) compounds of carbon with emphasis upon relationships between the various classes, reactions, methods of synthesis and reaction mechanisms. Three hours lecture and four hours laboratory a week. **Prerequisite: Chemistry 142. Laboratory fee \$12.50 per semester. (4) Fall (4) Spring.**

CHEM 421. SCIENCE SEMINAR. A course available to all majors in biology, chemistry, and mathematics during any two semesters of the junior and senior years. Each student, with the approval of the staff, chooses two or more topics in his/her field to be discussed with the group during each semester. Two hours per week. (2) Fall.

CHEM 441, 442. ELEMENTARY PHYSICAL CHEMISTRY. A study of Physico-Chemical Systems. An elementary study of the laws of thermodynamics and their application to thermochemistry and chemical equilibria and a study of the properties of gases, solids, liquids. Three hours lecture a week; four hours laboratory. **Prerequisites: Chemistry 142 and Chemistry 342, Mathematics 332 and Physics 241, 242. Laboratory fee \$12.50. (4) Fall, (4) Spring.**

CHEM 331. INSTRUMENTAL ANALYSIS. This is a one-semester course for biology and chemistry majors who wish to supplement their regular course training in the use of instruments with additional instrument training. Methods of analysis will include electrolytic, conductometric, potentiometric, polarographic, electrophoretic, coulometric, colorimetric, turbidimetric, polarimetric fluorometric, spectrophotometric, spectographic, refractometric, etc. Two hours lecture and six hours laboratory per week. **Laboratory fee \$12.50. (3) Fall or Spring.**

CHEM 445. RADIOCHEMISTRY. An introduction to the study of ionizing radiations resulting from radioactive decay. Detection, measurement, nature of, half-life determinations, and medical and industrial applications. (4) Laboratory fee \$12.50. **Prerequisites: Chemistry 141, 142, 241, 242; Biology 141, 142; Mathematics 131, 132.**

Education 332C. See description of courses in the Department of Education. (4).

MAJOR IN INDUSTRIAL HYGIENE AND SAFETY
Requirements for Major in Industrial Hygiene and Safety

General Education Requirements
Descriptive Title

EDUCA 111 Freshman Orientation	1/2
ENG 131-132 English Composition	6
ENG 121 Speech	2
HIST 133-134 World Civilization	6
ENG 221-222 Humanities	4
PSYCH 232 General Psychology	3
SOC 132 Introduction to Sociology or ECON 235 Principles of Economics	3
PHIL 431 General Education: Origin of Beliefs or	
PHIL 432 Ethics	3
ENG 122-123 Reading	4
PE 100 Personal Hygiene	1/2
PE 104, 105, 106 Physical Education	1 1/2
FREN 131-132-231-232 French or	
GERM 131-132-231-232 German	12
Total	45 1/2

**Courses From Which Required
Electives may be taken**
Descriptive Title

MATH 321 Computer Instruction	2
BIOL 426 Radiobiology	2
CHEM 421 Chemistry Seminar	2
BIOL 241 Comparative Vertebrate Anatomy	4
CHEM 442 Physical Chemistry	4
Required Courses in the Major and Science Related Area	
IHS 221 Readings In Industrial Hygiene	2
IHS 123 Man and His Environment	2
IHS 413 Occupational Safety	1
IHS 312 Problems In Industrial Hygiene	1
IHS 322 Industrial Hygiene Practices	2
IHS 432 Toxicology	3
IHS 434 Air Sampling For Contaminants	3
IHS 435 Industrial Hygiene Laboratory	3
IHS 331 Elements of Industrial Hygiene	3
CHEM 141 General Chemistry	4
CHEM 142 General Chemistry	4
CHEM 241 Qualitative Analysis	4
CHEM 242 Quantitative Analysis	4
CHEM 341 Organic Chemistry	4
CHEM 342 Organic Chemistry	4
CHEM 441 Physical Chemistry	4
MATH 131 Algebra or MATH 131 Trig.	3
MATH 132 Analytical Geometry	3
BIOL 141 General Zoology	4
BIOL 343 General Physiology	4
PHYS 241 General Physics	4
PHYS 242 General Physics	4
MATH 231 Calculus	3
MATH 232 Calculus	3
Total	76

First Year					
First Semester		Second Semester			
Descriptive	Title	Descriptive	Title		
CHEM 141	General Chemistry	4	CHEM 142	General Chemistry	4
ENG 131	English Composition	3	ENG 132	English Composition	3
MATH 131	Algebra or		MATH 132	Analytic Geometry	3
MATH 131	Trigonometry	3	ENG 121	Speech	2
ENG 122	Reading	2	IHS 123	Man and His Environment	2
BIOL 141	Gen. Zoology	4	HPE 104	Physical Education	½
EDUCA 111	Freshman Orientation	½	ENG 123	Reading	2
HPE 100	Personal Hygiene	½			
Total		17	Total	16 ½	
Second Year					
First Semester			Second Semester		
CHEM 241	Qualitative Analysis	4	CHEM 242	Quantitative Analysis	4
HIST 133	World Civilization	3	HIST 134	World Civilization	3
FREN 131	French or		FREN 132	French or	
GERM 131	German	3	GERM 132	German	3
PHYS 241	General Physics	4	PHYS 242	General Physics	4
MATH 231	Calculus I	3	MATH 232	Calculus II	3
PE 105	Physical Education	½	PE 106	Physical Education	½
Total		17 ½	Total	17 ½	
Third Year					
First Semester			Second Semester		
CHEM 341	Org. Chemistry	4	CHEM 342	Organic Chemistry	4
FREN 231	French or		FREN 232	French or	
GERM 231	German	3	GERM 232	German	3
ENG 221	Humanities	2	ENG 222	Humanities	2
IHS 332	Elements of Industrial Hygiene	3	PHIL 432	Ethics	3
Electives		2	IHS 332	Industrial Hygiene Practices	2
			IHS 312	Problems in Industrial Hygiene	1
Total		14	Total	15	
Fourth Year					
First Semester			Second Semester		
CHEM 441	Physical Chemistry	4	IHS 432	Toxicology	3
IHS 434	Air Sampling for Contaminants	3	IHS 433	Industrial Hygiene Laboratory	3
PSYCH 232	Gen. Psychology	3	Electives		6
MATH 433	Introduction to the Theory of Probability and Statistics	3	IHS 413	Occupational Safety	1
SOC 132	Intro. to Sociology or		BIOL 342	General Physiology	4
ECON 235	Principles of Economics	3			
Total		16	Total	17	

DESCRIPTION OF COURSES

IHS 123. MAN AND HIS ENVIRONMENT. Current issues in environmental protection. Analysis of environmental problems and decisions from the viewpoints of the various disciplines concerned with the assessment of risk, policy development and environmental management. Two one-hour lectures per week. **(2) Fall, or Spring, or Summer.**

IHS 221. READINGS IN INDUSTRIAL HYGIENE. A study of the Occupational Safety and Health Act. Readings and discussions emphasize: methods of establishing and implementing a health and safety program within places of employment, requirements for recording and reporting occupational illnesses and injuries, and rights and responsibilities of employers and employees, industrial operations, and insurance. Topics presented by the instructor and/or guest lecturers also include: economic and technological aspects of selected industries, industrial processes, process flow sheets, business and commercial insurance, fleet products, insurance contracts, and underwriting. Two one-hour lectures per week. **(2) Fall, or Spring, or Summer.**

IHS 312. PROBLEMS IN INDUSTRIAL HYGIENE. A problem in the aspect of industrial hygiene is chosen and solved by the student under supervision. **(1) Fall.**

IHS 322. INDUSTRIAL HYGIENE PRACTICES. The methodology and philosophy of evaluating the industrial environment for stresses and toxic substances which affect the health of the worker. The following topics are included: gases, vapors, fumes and dusts; radioactivity hazards; occupational diseases; thermal stress; illumination and exhaust ventilation. The laboratory periods are designed to provide practical experience in the use of the specialized instruments and techniques of the field. Two one-hour lectures per week. Prerequisite: Biol. 343. **(2) Fall.**

IHS 331. ELEMENTS OF INDUSTRIAL HYGIENE. The problems and control of exposure to occupational diseases and industrial accident hazards, the organization and function of industrial and governmental services dealing with these problems, the industrial aspects of communicable and noncommunicable diseases, the procedures of workmen's compensation plans, and the integration of occupational health services with local health department activities are presented. Three lecture hours per week. **(3) Spring.**

IHS 413. OCCUPATIONAL SAFETY. This course will cover the following topics: definitions and concepts used in the field of industrial safety, factors in accident causation, biomechanisms and accident pathology, principles in accident prevention, and systems approach to product safety. One one-hour lecture per week. **(1) Spring.**

IHS 433. TOXICOLOGY. The methods of industrial toxicology and the toxicological basis for the Threshold Limit Values will be discussed. Concentration — time equivalence, routes of entry, synergisms — will be investigated in the laboratory. Two one-hour lectures per week. **(3) Spring.**

IHS 434. AIR SAMPLING FOR CONTAMINANTS. The nature of airborne particles and the laws which govern the production and behavior of dusts, fumes, and mists are studied. Techniques and instrumentation for sampling and evaluating aerosols and the mechanisms involved in the collection and control of

industrial dusts are discussed. Two one-hour lectures and one three-hour laboratory per week. Laboratory fee \$12.50. **(3) Fall.**

IHS 435. INDUSTRIAL HYGIENE LABORATORY. An advanced laboratory course designed to demonstrate the principles of applying physical and chemical techniques to measure environmental exposures. Practical experiments and field studies will illustrate techniques applicable to the industrial hygiene survey. One lecture and four laboratory hours per week. Laboratory fee \$12.50. **(3) Spring.**

DEPARTMENT OF MATHEMATICS AND PHYSICS

MATHEMATICS

The Department of Mathematics offers courses which are designed to offer an understanding of the field at various levels ranging from mathematics needed by students for majoring in other curricula to preparing students for graduate study in mathematics, mathematics education, and for industrial pursuits. Mathematics is the key to understanding and mastering the physical, social, and biological worlds.

Objectives

The objectives of the Department of Mathematics are threefold: (1) to develop within students the ability to do quantitative thinking; (2) to develop students' ability to use the mathematical skills in vocational fields, related natural sciences, and graduate study; (3) to prepare teachers of mathematics.

The Department of Mathematics and Physics offers programs which lead to the Bachelor of Science degree in Mathematics, Mathematics Teacher Education, Industrial Mathematics, Engineering (Dual Degree) and Physics.

REQUIREMENTS

The following general education courses are required for all majors in the Department:

General Education Requirements

Course No.		Descriptive Title	Credit Hours
ENG	121	Speech	2
ENG	131	English Composition	3
ENG	132	English Composition	3
HIST	133	World Civilization	3
HIST	134	World Civilization	3
SOC	132	Introd. to Sociology or	
SOC	233	Cultural Anthropology	3
PHIL	431	General Education: Origin of Beliefs or	
PHIL	432	Ethics	3
PE	100	Personal Hygiene	1½
PE	104, 105, 106	PE Activity Courses	1½
ENG	221	Humanities	2
ENG	222	Humanities	2
PSYCH	232	General Psychology	3
PHYS	241	General Physics	4
PHYS	242	General Physics	4
CHEM	141	General Chemistry	4
CHEM	142	General Chemistry	4
*FREN	231	French or	
GERM	231	German	3
*FREN	232	French or	
GERM	232	German	3
ENG	122-123	Reading	4
EDUCA	111	Freshman Orientation	1½
Total			55½*

*For Physics majors

Courses Required in Mathematics

Course No.		Descriptive Title	Credit Hours
**MATH	133	Trigonometry	3
MATH	132	Analytic Geometry	3
MATH	230	Introduction to Logic	3
MATH	231	Calculus I	3
MATH	232	Calculus II	3
MATH	321	Computer Instruction	2
MATH	331	Calculus III	3
MATH	332	Introduction to Analysis	3
MATH	334	Modern Algebra	3
MATH	335	Modern Geometry	3
MATH	337	Linear Algebra	3
MATH	338	Differential Equations	3
MATH	433	Probability and Statistics	3
Total			38

Teacher Education Requirements

Course No.		Descriptive Title	Credit Hours
EDUCA	223	Foundations of Education	3
EDUCA	432	Tests and Measurements	3
EDUCA	431	Principles of Sec. Education	3
EDUCA	341	The Teaching of Mathematics	3
EDUCA	461	Observation and Practice Teaching	6
EDUCA	428	Educational Media	2
PSYCH	332	Psychology of Adolescence	3
		Total	23

**College Algebra is a pre-requisite which may be waived by passing the departmental test.

Required Electives

Course No.		Descriptive Title	Credit Hours
MATH	430	Number Theory	3
MATH	425	Mathematics Seminar	2
MATH	435	Statistical Inference	3
Electives		Teacher Certification	13
Electives		Mathematics Majors	30
Electives		Physics Majors	7

Suggested Electives

Course No.		Descriptive Title	Credit Hours
PHYS	331	Electricity and Magnetism	3
PHYS	333	Mechanics	3
PHYS	431	Introduction to Modern Physics	3
CSC	201	Introduction to Computers	3
CSC	203	Introduction to Data Processing	3
CSC	301	Principles of Programming FORTRAN	3
CSC	302	Principles of Programming COBOL	3
CSC	303	Assembly Languages	3
CSC	304	Programming Systems	3
CSC	402	Systems Analysis	3

MATHEMATICS MAJOR

First Year

First Semester		Second Semester	
Descriptive Title		Descriptive Title	
ENG 122	Reading	ENG 123	Reading
** Math 133	Trigonometry	MATH 132	Analytic Geometry
ENG 131	English Composition	ENG 132	English Composition
HIST 133	World Civilization	HIST 134	World Civilization
CHEM 141	General Chemistry	CHEM 142	General Chemistry
EDUCA 111	Freshman Orientation	PE 104	Physical Education
PE 100	Personal Hygiene	ENG 121	Speech
	Total	Total	

Second Year

First Semester		Second Semester	
MATH 231	Calculus I	MATH 232	Calculus II
PHYS 241	General Physics	PHYS 242	General Physics
ENG 221	Humanities	ENG 222	Humanities
PE 105	Physical Education	PE 106	Physical Education
PSYCH 232	General Psychology	MATH 230	Logic
	Science Elective	SOC 132	Intro. to Sociology or
		SOC 233	Cultural Anthropology
	Total	Total	

Third Year

First Semester		Second Semester	
MATH 331	Calculus III	MATH 332	Intro. to Analysis
MATH 335	Modern Geometry	MATH 338	Differential Equations
	Electricity and		
PHYS 331	Magnetism	PHYS 333	Mechanics
	Electives	CSC 301	Fortran
MATH 321	Computer Instruction		Electives
	Total	Total	

Fourth Year

First Semester		Second Semester	
PHYS 431	Modern Physics	PHIL 431	General Education
MATH 334	Modern Algebra		Origin of Beliefs or
MATH 443	Prob. and Stat.	PHIL 432	Ethics
	Electives	MATH 425	Math Seminar
		MATH 337	Linear Algebra
		MATH 435	Statistical Inference
			Electives
	Total	Total	

**College Algebra is a pre-requisite which may be waived by passing the departmental test.

TEACHER EDUCATION IN MATHEMATICS

First Year

First Semester			Second Semester		
Descriptive Title			Descriptive Title		
ENG 122	Reading	2	ENG 123	Reading	2
**MATH 133	Trigonometry	3	MATH 132	Analytic Geometry	3
HIST 133	World Civilization	3	ENG 132	English Composition	3
CHEM 141	General Chemistry	4	HIST 134	World Civilization	3
EDUCA 111	Freshman Orientation	½	CHEM 142	General Chemistry	4
ENG 131	English Composition	3	PE 104	Physical Education	½
PE 100	Personal Hygiene	½	ENG 121	Speech	2
	Total	16		Total	17½

Second Year

First Semester			Second Semester		
MATH 231	Calculus I	3	MATH 232	Calculus II	3
PHYS 241	General Physics	4	PHYS 242	General Physics	4
ENG 221	Humanities	2	PSYCH 232	General Psychology	3
PE 105	Physical Education	½	ENG 222	Humanities	2
EDUCA 233	Foundations of Educ.	3	PE 106	Physical Education	½
SOC 132	Introd. to Sociology or		MATH 230	Logic	3
SOC 233	Cultural Anthropology	3			
	Total	15½		Total	15½

Third Year

First Semester			Second Semester		
MATH 331	Calculus III	3	MATH 332	Introd. to Analysis	3
PSYCH 331	Child Development II	3	MATH 338	Differential Equations	3
MATH 335	Modern Geometry	3	EDUCA 341	Methods & Materials	3
				Diagnosis and	
EDUCA 223	Foundations of Reading	3	EDUCA 313	Correction	
MATH 321	Computer Instruction	2		of Reading	3
	Electives	2	EDUCA 432	Tests & Measurements	3
	Psychology of				
PSYCH 332	Adolescence	3		Elective	2
	Total	19		Total	17

Fourth Year

First Semester			Second Semester		
EDUCA 428	Educational Media	2	PHIL 431	General Education:	
EDUCA 461	Observation & Practice			Origins of Beliefs or	
	Teaching	6	PHIL 432	Ethics	3
EDUCA 431	Prin. of Sec. Education	3	MATH 337	Linear Algebra	3
MATH 433	Prob. and Stat.	3	BUS 132	Introd. to Business	3
			MATH 425	Math Seminar	2
			MATH 334	Modern Algebra	3
				Elective	3
	Total	14		Total	17

**College Algebra is a pre-requisite which may be waived by passing the departmental test.

INDUSTRIAL MATHEMATICS PROGRAM

A student in the Industrial Mathematics Program has an option to complete the program in three years if his/her grade point average is at least 3.00 in the Mathematics area. This curriculum is ideal for students who wish to minor in computer science. Listed below are curricula for four years:

Industrial Mathematics Curricula

First Year

First Semester		Second Semester	
Descriptive Title		Descriptive Title	
ENG 122	Reading 2	ENG 123	Reading 2
**MATH 133	Trigonometry 3	*MATH 132	Analytic Geometry 3
HIST 133	World Civilization 3	HIST 134	World Civilization 3
CHEM 141	General Chemistry 4	CHEM 142	General Chemistry 4
ENG 131	English Composition 3	ENG 132	English Composition 3
PE 100	Personal Hygiene $\frac{1}{2}$	PE 104	Physical Education $\frac{1}{2}$
EDUCA 111	Freshman Orientation $\frac{1}{2}$		
Total	16	Total	15 $\frac{1}{2}$

Second Year

First Semester		Second Semester	
MATH 231	Calculus I 3	MATH 232	Calculus II 3
PHYS 241	General Physics 4	PHYS 242	General Physics 4
BUS 231	Accounting 3	BU5 232	Accounting 3
P5YCH 232	General Psychology 3	MATH 230	Logic 3
PE 105	Physical Education $\frac{1}{2}$	PE 106	Physical Education $\frac{1}{2}$
	Computer Elective 3		Computer Elective 3
Total	16 $\frac{1}{2}$	Total	16 $\frac{1}{2}$

Third Year

First Semester		Second Semester	
MATH 331	Calculus III 3	MATH 338	Differential Equation 3
MATH 433	Prob. & Statistics 3	MATH 435	Statistical Inference 3
ECON 235	Prin. of Economics 3	ECON 236	Prin. of Economics 3
ENG 121	Speech 2		Computer Elective 3
	Computer Elective 3		Elective 1
ENG 221	Humanities 2	ENG 222	Humanities 2
Total	16	Total	15

Fourth Year

First Semester		Second Semester	
MATH 335	Modern Geometry 3	MATH 337	Linear Algebra 3
	Computer Elective 6	ECON 436	Money and Banking 3
	Electives 4	PHIL 431	General Education:
	Introduction to		Origin of Beliefs or
SOC 132	Sociology or	PHIL 432	Ethics 3
	Cultural		
5OC 233	Anthropology 3	MATH 425	Math. Seminar 2
			Computer Elective 3
			Elective 1
Total	16	Total	15

**College Algebra is a pre-requisite, which may be waived by passing the departmental test.

PHYSICS MAJOR COOPERATIVE PROGRAM
Saint Augustine's College and North Carolina State University

First Year

First Semester			Second Semester		
Descriptive	Title		Descriptive	Title	
MATH 132	Analytic Geometry**	3	MATH 232	Calculus II	3
MATH 231	Calculus I	3	ENG 132	English Composition	3
ENG 131	English Composition	3	HIST 134	World Civilization	3
HIST 133	World Civilization	3	CHEM 142	General Chemistry	4
CHEM 141	General Chemistry	4	PE 104	Physical Education	1/2
EDUCA 111	Freshman Orientation	1/2	ENG 123	Reading	2
ENG 122	Reading	2	ENG 121	Speech	2
PE 100	Personal Hygiene	1/2			
Total		19	Total		17 1/2

Second Year

First Semester			Second Semester		
MATH 331	Calculus III	3	MATH 338	Differential Equations	3
PHYS 241	General Physics	4	PHYS 242	General Physics	4
ENG 221	Humanities	2	ENG 222	Humanities	2
FREN 231	French or		FREN 232	French or	
GERM 231	German	3	GERM 232	German	3
PE 105	Physical Education	1/2	PE 106	Physical Education	1/2
ENG 121	Speech	2	MATH 230	Logic	3
SOC 132	Intro to Soc. or				
SOC 233	Cultural Anthropology	3			
Total		17 1/2	Total		15 1/2

Third Year

First Semester			Second Semester		
MATH 335	Modern Geometry	3	PHYS 332	Elec. & Magnet	3
PHYS 331	Elec. & Magnet	3	*PHY 412	Mechanics II	3
*PHY 411	Mechanics	3	*PHY 413	Heat & Thermal Phys.	3
	Elective	3	MATH	Elective	3
			PHYS	Elective	3
Total		12	Total		15

Fourth Year

First Semester			Second Semester		
MATH 334	Modern Algebra	3	*PHYS 416	Physical Optics	3
MATH 433	Prob. & Statistics	3	PHIL 431	General Education: Origin of Beliefs or	
PHYS 431	Intro. to Mod. Phys.	3	PHIL 432	Ethics	3
PHYS	Elective	3	PHYS 432	Atomic & Nucl. Phys.	3
	Elective	3		Elective	3
Total		15	Total		12

*Indicates course not available at Saint Augustine's College. North Carolina State University number is listed. These Courses are described in the N.C.S.U. Catalogue.

**College Algebra and Trigonometry are pre-requisites for this course, which may be waived by passing the departmental test.

DESCRIPTION OF COURSES

MATH 130. FUNDAMENTALS OF MATHEMATICS. Mathematics is a language, a tool, and an abstract science, counting of number systems, basic numeration systems, fundamental operations with integers and fractions, simple equations and their solutions, ratios proportion and percentage, approximate numbers,

exponents, variations, quadratic equations, relations, and elementary geometry. **(3) Fall and Spring.**

MATH 131. COLLEGE ALGEBRA. Sets, functions, graphs, equations, inequalities, exponents, logarithms, progressions, binomial theorem, permutations and combinations, systems of linear equations, matrices and determinants, and mathematical induction. **(3) Fall and Spring. Prerequisite: MATH 130.**

MATH 133. TRIGONOMETRY. Angles, right triangles, trigonometric functions, graphs, identities, and trigonometric equations. **(3) Fall and Spring. Corequisite: MATH 131.**

MATH 132. ANALYTIC GEOMETRY. The straight line, circles, conic sections, transcendental curves, parametric equations, surface tracing and locus problems in space. **Prerequisites: MATH 131 and MATH 133. (3) Fall and Spring.**

MATH 135. MATHEMATICAL SKILLS. This course is required for all Mathematics and teacher certification majors. **(NC) Fall or Spring.**

MATH 230. INTRODUCTION TO LOGIC. Premises and conclusions, deduction and induction, fallacies, propositions and inferences, symbolic logic, paradoxes and methods of deduction. **(3) Spring.**

MATH 231. CALCULUS I. Differentiation of algebraic functions, maxima and minima, related rates, transcendental functions, differential curvature, curve tracing and applications. **Prerequisite: Mathematics 132 (3) Fall.**

MATH 232. CALCULUS II. Introduction to the indefinite integral, definite integral, definite integral as a limit of a sum, centroids, moments of inertia and applications. **Prerequisite: MATH 231. (3) Spring.**

MATH 233. MODERN MATHEMATICS. Introduction to elementary logic, fundamentals of set theory, the natural numbers, numeration systems, subsystems of counting numbers, rational numbers, decimal representation, and experimental and informal geometry. **Prerequisite: MATH 130. (3) Spring.**

MATH 321. COMPUTER INSTRUCTION. The instruction of techniques of using the computer, developing programs, and techniques in mathematics and in other subject matter areas by way of the terminal linkage to the System/360 Model 75 at Triangle University's Computer Center. **(2) Fall.**

MATH 331. CALCULUS III. Infinite series, McLaurin's series, Taylor's series, partial differentiation, multiple integrals, and applications. **Prerequisite: Mathematics 232. (3) Fall.**

MATH 332. INTRODUCTION TO ANALYSIS. This is designed to integrate the various branches of Mathematics which the student has studied previously. The development of the real number system involves a review of modern algebra, integral calculus, and some new concepts. Other topics such as advanced limits, series, and a study of other systems extend the students' understanding of calculus. **Prerequisite: MATH 331. (3) Spring.**

MATH 334. MODERN ALGEBRA. Sets, relations and functions, number systems, groups, rings, fields, polynomials over a field, and linear algebra. **Prerequisite: Mathematics 331. (3) Fall or Spring.**

MATH 335. MODERN GEOMETRY. Incidence and order properties, congruence, parallelism, similarity, constructions, areas, and volumes, other geometries such as non-Euclidian geometry and projective geometry. **Prerequisite: Mathematics 331. (3) Fall.**

MATH 337. LINEAR ALGEBRA. Linear equations, matrices, vectors, linear transformations, determinants, operations with matrices, eigen values and applications. **Prerequisite: MATH 334. (3) Fall or Spring.**

MATH 338. DIFFERENTIAL EQUATIONS. Methods of solutions of ordinary differential equations, applications, solution by series. **Prerequisite: Mathematics 331. (3) Spring.**

MATH 341. MATHEMATICAL MATERIALS AND METHODS. This course is required of all Mathematics majors who are planning to teach Mathematics in high school. **(3) Fall.**

MATH 425. MATHEMATICS SEMINAR. Recommended for mathematics majors during the second semester of their senior year. Discussion of topics in modern developments in mathematics not normally covered in the undergraduate program. **Prerequisite: Consent of the instructor. (2) Fall or Spring.**

MATH 430. NUMBER THEORY. Euclid's algorithm, prime numbers, aliquot parts, indeterminate problems, theory of linear indeterminate problems, diophantine problems, congruences, Wilson's theorem, and Euler's theorem. **(3) Fall or Spring.**

MATH 433. INTRODUCTION TO THE THEORY OF PROBABILITY AND STATISTICS. The logic development of the framework of mathematical statistics; it deals with the discrete and continuous probability distributions, sampling, estimation, hypothesis testing, confidence methods regression analysis, some techniques of experimental design and non-parametric methods. **Prerequisite: MATH 331. (3) Fall.**

MATH 435. STATISTICAL INFERENCE. This course introduces some of the basic concepts and techniques of statistical inference that are applied to various fields. Point and interval estimation of popular parameters. Hypothesis testing including the use of t , χ^2 , and F . Simple linear regression and correlation. **(3) Spring.**

PHYSICS

PHYS 241, 242. GENERAL COLLEGE PHYSICS. This course is designed to form a good foundation for advanced work in the physical sciences. It is suitable for students in arts, science and pre-engineering. (Mechanics, heat wave motion and sound-light, magnetism, electricity and modern physics). Laboratory fee \$12.50 each semester. **Prerequisite: Mathematics 132. (4) Fall, (4) Spring.**

PHYS 331, 332. ELECTRICITY AND MAGNETISM. A sequential treatment of the fundamental principles of electricity and magnetism. A study on an intermediate level of magnetism, static and dynamic electricity, and electromagnetic theory. **Prerequisites: Physics 242, Mathematics 232. Prerequisites: Mathematics 331, Mathematics 338. Laboratory fee \$12.50. (3) Fall, (3) Spring.**

PHYS 333. MECHANICS. A treatment on an intermediate level of the dynamics of particles, rigid bodies and fluids; vector analysis introduced. **Prerequisites:** Physics 242, Mathematics 331, 338. (3) Spring.

PHYS 431, 432. INTRODUCTION TO MODERN PHYSICS. A sequential treatment of the modern aspects of physics. A brief survey of the fundamental concepts and discoveries in atomic and nuclear physics. Topics covered include the study of the atomic structure and spectra, natural radioactivity, properties of nuclear and elementary nuclear reactions, artificial radioactivity, fission and fusion, accelerators, used for nuclear reactions and cosmic rays. **Prerequisites:** Physics 332. Mathematics 338. Laboratory fee \$12.50. (3) Fall, (3) Spring.

SPECIAL COURSES FOR IN-SERVICE TEACHERS

MATH 208. BASIC CONCEPTS OF MODERN MATHEMATICS. The topics covered will include introductory set theory: subject, set operations, union, intersection, complement, commutative, associative, and distributive properties; number system and number line, number pairs and graphs; writing of numerals in terms of their properties, and irrational numbers, and density property of rationals and reals. (2) Fall, or Summer, or Spring.

MATH 209. BASIC CONCEPTS OF MODERN GEOMETRY. As more geometry is increasingly proposed for the elementary school program, this course, basically intuitive in nature, should increase the subject-matter competencies of the elementary teacher. The topics discussed will include: a study of space, plane and line as sets of points, considering separation properties and simple closed curves and regions, in the plane; elementary theorems after proofs; congruence and measurement of segments parallelograms and triangles, similar triangles and viration, volume and surface areas, circle and sphere relative error. This course is for elementary teachers. (2) Spring or Summer.

MATH 408. PROBABILITY AND STATISTICAL INFERENCE. The following topics will be included in this course: organization and presentation of data; intuitive approach to probability; formal approach to probability; application of binominal distribution; statistical influence. This course is for secondary teachers. (2) Spring or Summer.

MATH 415. BASIC CONCEPTS OF MODERN ALGEBRA. This course will include postulational systems, axioms for numbers, sets and numbers, vectors, lines, inner products, the complex plane, vector geometry, matrix and matrix algebra. This course is for secondary teachers. (2) Fall or Summer.

The Quadrangle



A DUAL DEGREE PROGRAM IN ENGINEERING AT SAINT AUGUSTINE'S COLLEGE WITH NORTH CAROLINA STATE UNIVERSITY RALEIGH, NORTH CAROLINA

Curricula are offered at Saint Augustine's College leading to a Bachelor of Science degree from Saint Augustine's College and a Bachelor of Science degree in Engineering from North Carolina State University. The current degree offerings at Saint Augustine's College are paired with the following engineering programs at North Carolina State University:

SAINT AUGUSTINE'S COLLEGE Bachelor of Science Degree

Mathematics
Mathematics
Mathematics
Mathematics
Mathematics
Mathematics
Biology
Chemistry

NORTH CAROLINA STATE UNIVERSITY Bachelor of Science Degree

— Civil Engineering
— Electrical Engineering
— Materials Engineering
— Mechanical Engineering
— Industrial Engineering
— Aerospace Engineering
— Biological and Agricultural Engineering
— Chemical Engineering

Saint Augustine's expects students in this transfer program to complete a minimum of four semesters on its campus before transferring to North Carolina State University and that Saint Augustine's students would be expected to meet the admissions requirements of their intended engineering curriculum that are in effect at the time of their transfer admission to North Carolina State University. A student who does not have his/her own transportation to travel between Saint Augustine's College and North Carolina State University has to make special arrangements with the transportation division of the college. Special CRC Interinstitutional registration forms may be secured from the Registrar of Saint Augustine's Colleges for courses to be taken at North Carolina State University.

BS DEGREE IN CIVIL ENGINEERING (A 2-3 Dual Degree Between Saint Augustine's College and North Carolina State University)

YEAR ONE

(Courses taken while enrolled at Saint Augustine's College)

First Semester			Second Semester		
CHEM 141	General Chemistry	4	CHEM 142	General Chemistry	4
ENG 131	English Composition	3	ENG 132	English Composition	3
MAT 132	Analytic Geometry	3	MAT 231	Calculus I	3
GC 101	Engineering Graphics (NCSU)	2	GC 100	Introduction to Engineering (NCSU)	1
HIST 133	World Civilization	3	HIST 134	World Civilization	3
EDUCA 111	Freshman Orientation	1/2	PHYS 241	General Physics	4
PE 100	Personal Hygiene	1/2	PE 104	Physical Education	1/2
Total		16	Total		18 1/2

YEAR TWO**(Courses taken while enrolled at Saint Augustine's College)**

First Semester			Second Semester		
MAT 232	Calculus II	3	MAT 331	Calculus III	3
PHYS 242	General Physics	4	MAT 338	Differential Equations	3
	Electricity and			Electricity and	
PHYS 331	Magnetics	3	PHYS 332	Magnetics	3
PE 105	Physical Education	½	PHYS 333	Mechanics	3
ENG 331	English Literature	3	PE 106	Physical Education	½
	(St. Aug.)	3	ENG 121	Speech	2
	Origin of Beliefs or				
PHIL 432	Ethics	3	ECON 235	Principles of Economics	3
	Total	16½		Total	17½

SUMMER SCHOOL**(Courses to be taken at Saint Augustine's College)**

MATH 321	Computer Instruction	3
PSYCH 232	General Psychology	3
ECON 236	Principles of Economics	3
	Total	9

YEAR THREE**(Courses taken while enrolled at North Carolina State University)**

First Semester			Second Semester		
CE 202	Intro. to Civil Engr.	3	MEA 120/110	Physical Geology	3
CE 214	Engr. Mech. - Statics	3	CE 215	Engr. Mech. - Dynamics	2
IE 311	Engr. Econ. Analysis	3	CE 313	Mech. of Solids	3
MAT 334	Mod. Algebra (St. Aug.)	3	MAT 332	Introduction to Analysis	3
MAT 334	Mod. Algebra (St. Aug.)	3	MAT 332	Introduction to Analysis	3
MAT 335	Modern Geometry (St. Aug.)	3		(St. Aug.)	
			MAT 200	Mech. Prop. Str. Mtls.	2
	Total	15		Total	13

YEAR FOUR**(Courses taken while enrolled at North Carolina State University)**

First Semester			Second Semester		
CE 301	Engr. Surveying	3	CE 305	Transp. Engr. I	4
CE 382	Hydraulics	4	CE 383	Wat. Res. Engr. I	4
CE 325	Structural Analysis	4	CE 326	Struct. Engr. I	5
CE 332	Materials of Constr.	3	CE 342	Soils Engr. I	4
	Total	14		Total	17

YEAR FIVE**(Courses taken while enrolled at North Carolina State University)**

First Semester			Second Semester		
Two of the following four:					
CE 406	Transp. Engr. II	3	CE 450	Civil Engr. Elective	3
CE 427	Struct. Engr. II	3	MAT 230	Civil Engr. Design	3
CE 443	Soils Engr. II	3		Intro. to Logic	3
CE 484	Wat. Res. Engr. II	3		(St. Aug.)	
	Engr. Science Elective**	3		Elective (St. Aug.)	3
MAT 337	Linear Algebra (St. Aug.)	3			
	Total	12		Total	12

TOTAL CREDIT HOURS FOR GRADUATION: 160.5

*Consult with advisor prior to registering for these courses.

**Thermodynamics, Engineering Mechanics, Electrical Engineering, or Materials Engineering.

***A progressive course selected after consultation with adviser.

NOTE: Free Electives may be chosen from the series of courses needed to complete the Bachelor of Science degree in Mathematics at Saint Augustine's College.

BS DEGREE IN MATHEMATICS

A student majoring in Civil Engineering would need to complete the following courses at Saint Augustine's College to complete requirements for the Bachelor of Science degree in Mathematics at Saint Augustine's College.

COURSES IN MATHEMATICS

Math 332	Introduction to Analysis	3
Math 334	Modern Algebra	3
Math 335	Modern Geometry	3
Math 337	Linear Algebra	3
Math 230	Introduction to Logic	3

BS DEGREE IN ELECTRICAL ENGINEERING (A 2-3 Dual Degree Between Saint Augustine's College and North Carolina State University)

YEAR ONE

(Courses taken while enrolled at Saint Augustine's College)

First Semester			Second Semester		
CHEM 141	General Chemistry	4	CHEM 142	General Chemistry	4
ENG 131	English Composition	3	ENG 132	English Composition	3
MAT 132	Analytic Geometry	3	MAT 231	Calculus I	3
GC 101	Engineering Graphics (NCSU)	2	GC 100	Introduction to Engr. (NCSU)	1
HIST 133	World Civilization	3	HIST 134	World Civilization	3
EDUCA 111	Freshman Orientation	½	PHYS 241	General Physics	4
PE 100	Personal Hygiene	½	PE 104	Physical Education	½
Total		16	Total		18½

YEAR TWO

(Courses taken while enrolled at Saint Augustine's College)

First Semester			Second Semester		
MAT 232	Calculus II	3	MAT 331	Calculus III	3
PHYS 242	General Physics	4	MAT 338	Differential Equations	3
PHYS 331	Electricity and Magnetics	3	MAT 332	Electricity and Magnetics	3
PE 105	Physical Education	½	PHYS 333	Mechanics	3
PHIL 432	Origin of Beliefs or Ethics	3	PE 106	Physical Education	½
ENG 331	English Literature	3	ENG 121	Speech	2
Total		16½	ECON 235	Principles of Economics	3
			Total		17½

SUMMER SCHOOL

(Courses taken while enrolled at Saint Augustine's College)

MATH 321	Computer Instruction	3
PSYCH 232	General Psychology	3
ECON 236	Principles of Economics	3
Total		9

YEAR THREE

(Courses taken while enrolled at North Carolina State University)

First Semester				Second Semester			
CE 201	Electric Circuits I	4		ECE 202	Electric Circuits II	4	
MAT 334	Algebra (St. Aug.)	3		CE 213	Intro. to Mechanics	3	
MAT 335	Mod. Geometry (St. Aug.)	3		MAT 332	Intro. to Analysis	3	
CSC 111	Intro. to FORTRAN Prog.	2		MATH 425	Math Seminar	2	
Total		12		Total		12	

YEAR FOUR

(Courses taken while enrolled at North Carolina State University)

First Semester			Second Semester		
ECE 302	Numerical Appl. in EE	3	ECE 301	Linear Systems	3
ECE 314	Electronic Circuits	4	ECE 305	Electric Power Systems	4
ECE 303	Electromagnetic Fields	4	ECE 340	Fund. of Digital Syst.	4
ENG 321	Comm. of Tech. Info.	3	Approved Engr. Sci.		3
			Elective		
		Total	14	Total	14

YEAR FIVE

(Courses taken while enrolled at North Carolina State University)

(Courses taken while enrolled at North Carolina State University)					
First Semester			Second Semester		
ECE 4--	Approved Dept. Elective	3	ECE 4--	Approved Dept. Elective	3
ECE 4--	Approved Dept. Elective	3	ECE 4--	Approved Dept. Elective	3
	Approved Technical Elective	3	MAE 301	Engr. Thermodynamics I	3
	Approved Engr. Sci. Elective	3	MAT 230	Intro. to Logic (St. Aug.)	3
MAT 337	Linear Algebra (St. Aug.)	3	MAT 443	Probability and Statistics (St. Aug.)	3
	Total	15		Total	15

TOTAL CREDIT HOURS FOR GRADUATION: 159.5

BS DEGREE IN MATHEMATICS

A student majoring in Electrical Engineering would need to complete the following courses at Saint Augustine's to complete requirements for the Bachelor of Science degree in Mathematics at Saint Augustine's College.

Courses in Mathematics

MATH 425	Mathematics Seminar	2
MATH 337	Linear Algebra	3
MATH 230	Introduction to Logic	3
MATH 332	Introduction to Analysis	3
MATH 334	Modern Algebra	3
MATH 335	Modern Geometry	3
MATH 443	Probability and Statistics	3

BS DEGREE IN MATERIALS ENGINEERING
(A 2-3 Dual Degree Between Saint Augustine's College
and North Carolina State University)

YEAR ONE

(Courses taken while enrolled at Saint Augustine's College)

First Semester			Second Semester		
CHEM 141	General Chemistry	4	CHEM 142	General Chemistry	4
ENG 131	English Composition	3	ENG 132	English Composition	3
MAT 132	Analytic Geometry	3	MAT 231	Calculus I	3
	Engineering Graphics			Introduction to Engr.	
EGC 101	(NCSU)	2	E 100	(NCSU)	1
HIST 133	World Civilization	3	HIST 134	World Civilization	3
EDUCA 111	Freshman Orientation	½	PHYS 241	General Physics	4
PE 100	Personal Hygiene	½	PE 104	Physical Education	½
Total		16	Total		18½

YEAR TWO

(Courses taken while enrolled at Saint Augustine's College)

First Semester			Second Semester		
MAT 232	Calculus II	3	MAT 331	Calculus II	3
PHYS 242	General Physics	4	MAT 338	Differential Equations	3
PHYS 331	Electricity and Magnetics	3	PHYS 332	Electricity and Magnetics	3
PE 105	Physical Education	½	PHYS 333	Mechanics	3
PHIL 432	Origin of Beliefs or		PE 106	Physical Education	½
	Ethics	3	ECON 235	Principles of Economics	3
ENG 331	English Literature	3			
Total		16½	Total		17½

SUMMER SCHOOL

(Courses taken while enrolled at Saint Augustine's College)

PSYCH 232	General Psychology	3
MATH 321	Computer Instruction	3
ECON 236	Principles of Economics	3
Total		9

YEAR THREE

(Courses taken while enrolled at Saint Augustine's College)

First Semester			Second Semester		
MAT 334	Mod. Algebra (St. Aug.)	3	CSC 111	Intro. Computer Sci.	2
MAT 203	Orien. to Mats. Eng. I	1	ECE 331,339	Electrical Engr.	4
MAT 335	Modern Geometry	3	MAE 206	Engineering Statics	3
MATH 425	Mathematics Science	2	MAE 301	Engr. Thermodynamics	3
	Free Elective	3	MAT 204	Orien. to Mats. Eng. II	1
Total		12	Total		13

YEAR FOUR

(Courses taken while enrolled at Saint Augustine's College)

First Semester			Second Semester		
MAE 314	Solid Mechanics	3	MAT 302	Materials Processing	3
MAE 301	Equil & Rate Processes	3	MAT 310	Physical Exam. of Mats.	2
MAT 320	Phase Diagrams & Cryst.	3	MAT 321	Phase Transf. & Diff.	3
MAT 450	Mechanical Prop. of Mat.	3		Free Elective (St. Aug.)	3
MATH 443	Probability and Statistics (St. Aug.)	3		Technical Elective*	3
Total		15	Total		14

YEAR FIVE

(Courses taken while enrolled at Saint Augustine's College)

First Semester			Second Semester		
			MAT/CHE		
MAT 411	Phys. Prin. in Mat. Sc. I	3	325	Intro. to Plastics	3
MAT 431	Physical Metallurgy I	3	MAT 423	Mat. Factors in Des. I	3
MAT 435	Physical Ceramics I	3		Technical Elective*	3
	Technical Elective*	3		Technical Elective*	3
MAT 337	Linear Algebra	3	MAT 230	Intro. to Logic	3
Total		15	Total		15

*Twelve credits of technical electives are to be selected (with approval of advisor) from a specialty area.

TOTAL CREDIT HOURS FOR GRADUATION: 161.5

DEPARTMENT OF MATERIALS ENGINEERING

Specialty Areas

Twelve credits of technical electives are to be selected (with approval of advisor) from one of the following specialty areas. Typical courses indicated under each specialty area are:

Ceramic Engineering:

MAT 311, 312	Ceramic Processing I, II	4(3-3)
MAT 436	Physical Ceramics II	3(2-3)
MAT 417	Ceramic Subsystem Design	3(1-6)
MAT 437	Introduction to the Vitreous State	3(3-0)
MAT 495	Experimental Engineering	1-6
MAT 527	Refractories in Service	3(3-0)
MAT 537	Structure of Vitreous Materials	3(3-0)

Metallurgical Engineering:

MAT 410	Computer Applications in Metallurgical Engineering	3(3-0)
MAT 432	Physical Metallurgy II	3(3-0)
MAT 440	Foundry Metallurgy	3(3-0)
MAT 440	Foundry Metallurgy	3(3-0)
MAT 441	Welding Metallurgy	3(2-3)
MAT 495	Experimental Engineering	1-6

Polymeric Materials:

CH 221, 222	Organic Chemistry	4(3-3)
CHE 543	Technology of Plastics	3(3-0)
CHE 501	Structure Property Relations in CHE Matls.	3(3-0)
TC 461	Chemistry of Fibers	3(3-0)
TC 561	Organic Chemistry of High Polymers	3(3-0)
MAT 495	Experimental Engineering	1-6

BS DEGREE IN MECHANICAL ENGINEERING
(A 2-3 Dual Degree Between Saint Augustine's College
and North Carolina State University)

YEAR ONE**(Courses taken while enrolled at Saint Augustine's College)**

First Semester			Second Semester		
CHEM 141	General Chemistry	4	CHEM 142	General Chemistry	4
ENG 131	English Composition	3	ENG 132	English Composition	3
MAT 132	Analytic Geometry	3	MAT 231	Calculus I	3
GC 101	Engineering Graphics (NCSU)	2	GC 100	Introduction to Engineering (NCSU)	1
HIST 133	World Civilization	3	HIST 134	World Civilization	3
EDUCA 111	Freshman Orientation	½	PHYS 241	General Physics	4
PE 100	Personal Hygiene	½	PE 104	Physical Education	½
Total		16	Total		18½

YEAR TWO**(Courses taken while enrolled at Saint Augustine's College)**

First Semester			Second Semester		
MAT 232	Calculus II	3	MAT 331	Calculus III	3
PHYS 242	General Physics	4	MAT 338	Differential Equations	3
PHYS 331	Elec. and Magnetics	3	PHYS 332	Elec. and Magnetics	3
PE 105	Physical Education	½	PHYS 333	Mechanics	3
PHIL 432	Origin of Beliefs or Ethics	3	PE 106	Physical Education	½
ENG 331	English Literature	3	ENG 121	Speech	2
			ECON 235	Principles of Economics	3
	Total	16½		Total	17½

SUMMER SCHOOL**(Courses to be taken at Saint Augustine's College)**

MATH 321	Computer Science	3
PSYCH 232	General Psychology	3
ECON 236	Principles of Economics	3
	Total	9

THREE YEAR**(Courses taken while enrolled at North Carolina State University)**

A grade of "C" or better is required in ENG 131, 132, MAT 132, 231, 232, and 331, and PHYS 331, 332 before taking a 200-level course.

First Semester			Second Semester		
MAT 334	Mod. Algebra (St. Aug)	3	MAT 332	Intro. to Analysis (St. Aug.)	3
MAT 335	Modern Geometry (St. Aug.)	3	MAE 208	Engr. Dynamics***	3
MAE 206	Engr. Statics	3	MAE 314	Solid Mechanics	3
CSC 111	Intro. to Fortran	2	MAT 201	Struct. & Prop. of Engr. Engr. Materials	3
	Total	12		Total	12

YEAR FOUR**(Courses taken while enrolled at North Carolina State University)**

First Semester			Second Semester		
MAE 301M	Engr. Thermodynamics****	3	MAE 302	Engr. Thermodynamics II	3
MAE 305	Mech. Engr. Lab I	1	MAE 306	Mech. Engr. Lab II	1
MAE 315	Dynamics of Machines	3	MAE 308	Fluid Mechanics I	3
MAE 316	Strength of Mech. Comp	3	MAE 310	Conduction & Radiation Heat Transfer	3
ECE 331	Prin. of Elec. Engr.	3	ECE 332	Prin. of Elec. Engr. or	
			MAE 435	Prin. of Auto Controls	3
			MAT 425	Math Seminar	2
	Total	13		Total	15

YEAR FIVE**(Courses taken while enrolled at North Carolina State University)**

First Semester			Second Semester		
MAE 410	Convective Heat Trans & Fluid Flow	3	MAE 412	Energy Systems	3
MAE 415	Mech. Engr. Analysis	3	MAE 416	Mech. Engr. Design	4
	Departmental Elective	6		Departmental Elective	3
MAE 405	ME Lab III	1	MAT 230	Introduction to Logic	3
MAT 337	Linear Algebra (St. Aug.)	3	MAT 443	Probability and Statistics (St. Aug.)	3
	Total	16		Total	16

TOTAL CREDIT HOURS FOR GRADUATION: 161½

**See University Catalog for details of English requirements

***A grade of "C" or better is required in MAE 208 before taking MAE 315

****A grade of "C" or better is required in MAE 301 before taking MAE 302 and MAE 310

BS DEGREE IN MATHEMATICS

A student majoring in Mechanical Engineering would need to complete the following courses at Saint Augustine's College to complete requirements for the Bachelor of Science Degree at Saint Augustine's College:

COURSES IN MATHEMATICS

MATH 332	Introduction to Analysis	3
MATH 334	Modern Algebra	3
MATH 335	Modern Geometry	3
MATH 230	Introduction to Logic	3
MATH 425	Mathematics Seminar	2
MATH 443	Probability and Statistics	3
Total		17

BS DEGREE IN INDUSTRIAL ENGINEERING (A 2-3 Dual Degree Between Saint Augustine's College and North Carolina State University)

YEAR ONE

(Courses taken while enrolled at Saint Augustine's College)

First Semester			Second Semester		
CHEM 141	General Chemistry	4	CHEM 142	General Chemistry	4
ENG 131	English Composition	3	ENG 132	English Composition	3
MAT 132	Analytic Geometry	3	MAT 231	Calculus I	3
GC 101	Engineering Graphics (NCSU)	2	GC 100	Introduction to Engineering	1
				(NCSU)	
HIST 133	World Civilization	3	HIST 134	World Civilization	3
EDUCA 111	Freshman Orientation	1/2	PHYS 241	General Physics	4
PE 100	Personal Hygiene	1/2	PE 104	Physical Education	1/2
Total		16	Total		18 1/2

YEAR TWO

(Courses taken while enrolled at Saint Augustine's College)

First Semester			Second Semester		
MAT 232	Calculus II	3	MAT 331	Calculus III	3
PHYS 242	General Physics	4	MAT 338	Differential Equations	3
PHYS 331	Electr. and Magnetics	3	PHYS 332	Electr. and Magnetics	3
PE 105	Physical Education	1/2	PHYS 333	Mechanics	3
PHIL 432	Origin of Beliefs or Ethics	3	PE 106	Physical Education	1/2
ENG 331	English Literature	3	ENG 121	Speech	2
			ECON 235	Principles of Economics	3
Total		16 1/2	Total		17 1/2

SUMMER SCHOOL

(Courses to be taken at Saint Augustine's College)

MATH 321	Computer Instruction	3
PSYCH 232	General Psychology	3
ECON 236	Principles of Economics	3
Total		9

YEAR THREE

(Courses taken while enrolled at North Carolina State University)

First Semester			Second Semester		
IE 200	Introduction to IE	1	MAT 201	Struc. Prop. Engr. Mtl. I	3
MAT 334	Mod. Algebra (St. Aug.)	3	IE 311	Engr. Economic Analysis	3
MAT 335	Modern Geometry (St. Aug.)	3	MAT 332	Introduction to Analysis	3
CSC 111	Intro. to Fortran		ST 371	Intro. To Prob. & Dist.	
	Prgmng.	2		Theory	3
ACC 265	Mgrl. Uses of Cost Data	3	MAE 206	Engineering Statics	3
			MA 363	Linear Analysis	3
Total		12	Total		15

YEAR FOUR

(Courses taken while enrolled at North Carolina State University)

First Semester			Second Semester		
IE 351	Manufacturing Engineering	3	IE 352	Work Analysis & Design	3
ENG 321	Comm. Techn, Information	3	IE 401	Stochastic Models In IE	3
IE 361	Deterministic Mods. in IE	3	IE 308	Cont. of Prod. & Svc. Sys.	4
ST 372	Intro. to Stat. Infer. & Reg.	3	MAT 425	Math Seminar	2
IE 307	Business Data Processing	3			
Total		15	Total		15

YEAR FIVE

(Courses taken while enrolled at North Carolina State University)

First Semester			Second Semester		
ECE 331	Principles of Elec. Engr.	3		Technical Electives (2)	6
IE 452	Ergonomics	3		Engineering Science	
	Technical Elective	3	MAT 230	Elective	3
	Engineering Science	3	MAT 443	Intro to Logic (St. Aug.)	3
	Elective			Probability and Statistics	3
MAT 337	Linear Algebra (St. Aug.)	3		(St. Aug.)	
Total		15	Total		15

TOTAL CREDIT HOURS FOR GRADUATION: 164.5

TECHNICAL ELECTIVES		Pre. Req.	ENGR. SCI. ELECT.		Pre. Req.
at least	IE403-Quan. Meth. Pract.	IE 261, IE 401	MAE 208-Eng. Dyn		MAE 206
one of	IE 421-Infor. & Cont. Sys.	IE 307	MAE 301-Engr.		
these	IE 453-Facilities Design	IE 351, IE 352	Thermodyn. I		MA 202, PY 208
	IE 402-Quant. Meth.		MAE 302-Engr.		
	& Optim.	IE 361	Thermodyn. II		MAE 301(c)
	IE 432-Meth. Eng.	IE 352	MAE 308-Fluid Mech. 1		MAE 206
	IE 454-Mode. Man-		MAE 314-Solid Mech.		MAE 206
	Mach. Syst.	IE 401	ECE 332-Prin. of EE		ECE 331
	IE 495-Proj. Work	Sr. Std.	ECE 339-Prin. of EE		
	IE 490-Spec. Studies in IE	Sr. Std.	Lab (1 cr.)		

500-level courses may be taken if B or better in prerequisite course(s), with Instructor's permission.

Course Substitution Request form must be executed.

DEGREE IN MATHEMATICS

A student majoring in Industrial Engineering would need to complete the following courses at Saint Augustine's College to complete requirements for the Bachelor of Science Degree in Mathematics at Saint Augustine's College.

COURSES IN MATHEMATICS

MATH 334	Modern Algebra	3
MATH 335	Modern Geometry	3
MATH 332	Introduction to Analysis	3
MATH 337	Linear Algebra	
MATH 337	Linear Algebra	3
MATH 230	Introduction to Logic	3
MATH 425	Mathematics Seminar	<u>2</u>
	Total	17

BS DEGREE IN AEROSPACE ENGINEERING (A 2-3 Dual Degree Between Saint Augustine's College and North Carolina State University)

YEAR ONE

(Courses taken while enrolled at Saint Augustine's College)

First Semester			Second Semester		
CHEM 141	General Chemistry	4	CHEM 142	General Chemistry	4
ENG 131	English Composition	3	ENG 132	English Composition	3
MAT 132	Analytic Geometry	3	MAT 231	Calculus I	3
GC 101	Engineering Graphics (NCSU)	2	E 100	Intro. to Engr. (NCSU)	1
HIST 133	World Civilization	3	HIST 134	World Civilization	3
EDUCA 111	Freshman Orientation	$\frac{1}{2}$	PHYS 241	General Physics	4
PE 100	Personal Hygiene	<u>$\frac{1}{2}$</u>	PE 104	Physical Education	<u>$\frac{1}{2}$</u>
	Total	16		Total	18 $\frac{1}{2}$

YEAR TWO

(Courses taken while enrolled at Saint Augustine's College)

First Semester			Second Semester		
MAT 232	Calculus II	3	MAT 331	Calculus III	3
PHYS 242	General Physics	4	MAT 338	Differential Equations	3
PHYS 331	Electr. and Magnetics	3	PHYS 332	Electr. and Magnetics	3
PE 105	Physical Education	$\frac{1}{2}$	PHYS 333	Mechanics	3
PHIL 432	Origin of Beliefs or Ethics	3	PE 106	Physical Education	$\frac{1}{2}$
ENG 331	English Literature	<u>3</u>	ENG 121	Speech	2
	Total	16 $\frac{1}{2}$	ECON 235	Principles of Economics	<u>3</u>
				Total	17 $\frac{1}{2}$

SUMMER SCHOOL

(Courses to be taken at Saint Augustine's College)

MATH 321	Computer Science	3
PSYCH 232	General Psychology	3
ECON 236	Principles of Economics	<u>3</u>
	Total	9

YEAR THREE

(Courses taken while enrolled at North Carolina State University)

First Semester		Second Semester	
MAT 334	Mod. Algebra (St. Aug.) 3	MAE 261	Aero. Vehicle Perform. 3
MAT 335	Modern Geometry (St. Aug.) 3	MAE 208	Engr. Dynamics*** 3
MAE 206	Engr. Statics 3	CSC 111	Intro. to Fortran 2
	Free Elective (St. Aug.) 3	MAT 201	Struc. & Prop. of Engr. Mat. I (St. Aug.) 3
Total 12		Total 14	

YEAR FOUR

(Courses taken while enrolled at North Carolina State University)

First Semester		Second Semester	
MAE 301	Engr. Thermodyn.*** 3	MAE 356	Aerodynamics II**** 4
MAE 355	Aerodynamics 1+ 4	MAE 365	Propulsion I**** 3
MAE 371	Aero. Vehicle Struct. I+ 3	MAE 435	Prin. of Auto Control 3
ECE 331	Prin. of Elec. Engr. 3	MAE 472	Aero. Vehicle Struct. II 4
ECE 339	Prin. of Elect. Engr. Lab 1	MAT 425	Math. Seminar (St. Aug.) 2
Total 14		Total 16	

YEAR FIVE

(Courses taken while enrolled at North Carolina State University)

First Semester		Second Semester	
MAE 478	Aero. Vehicle Design I 2	MAE 479	Aero. Vehicle Design II 3
MAE 462	Flight Veh. Stab. & Con. 3		Dept. Elective+++ 3
MAE 465	Propulsion II 4	MAT 230	Introd. to Logic (St. Aug.) 3
MAE 455	Boundary Layer Theory 3	MAT 443	Probability and Statistics (St. Aug.) 3
	Technical Elective++ 3		
MAT 337	Linear Algebra (St. Aug.) 3		
Total 18		Total 12	

TOTAL CREDIT HOURS FOR GRADUATION: 163½

*27 credit hours of Humanities, Social Sciences and Free Electives of which 9 credit hours are free electives and 18 credit hours are Humanities and Social Sciences which must be taken from an approved list.

**See university catalog for details of English requirements.

***A grade of "C" or better is required in these courses.

****A grade of "C" or better is required in MAE 301 before taking these courses.

+Students are advised to take CSC 111 as a prerequisite.

++Required of students entering Fall, 1980 and afterwards. Must be selected from: Departmental Electives, +++CSC 302, ENG 321, MA 401, or MA 405.

+++from list of approved Departmental Electives.

BS DEGREE IN MATHEMATICS

A student majoring in Aerospace Engineering would need to complete the following courses at Saint Augustine's College to complete requirements for the Bachelor of Science degree at Saint Augustine's College:

COURSES IN MATHEMATICS

MATH 332	Introduction to Analysis	3
MATH 334	Modern Algebra	3
MATH 335	Modern Geometry	3
MATH 230	Introduction to Analysis	3
MATH 425	Mathematics Seminar	2
MATH 443	Probability and Statistics	3

BS DEGREE IN BIOLOGICAL AND AGRICULTURAL ENGINEERING
(A 2-3 Dual Degree Between Saint Augustine's College
and North Carolina State University)

YEAR ONE

(Courses taken while enrolled at Saint Augustine's College)

First Semester			Second Semester		
CHEM 141	General Chemistry	4	CHEM 142	General Chemistry	4
ENG 131	English Composition	3	ENG 132	English Composition	3
MAT 132	Analytic Geometry	3	MAT 231	Calculus I	3
GC 101	Engr. Graphics (NCSU)	2	GC 100	Introduction to Engineering (NCSU)	
HIST 133	World Civilization	3	HIST 134	World Civilization	3
EDUCA 111	Freshman Orientation	$\frac{1}{2}$	PHYS 241	General Physics	4
PE 100	Personal Hygiene	$\frac{1}{2}$	PE 104	Physical Education	$\frac{1}{2}$
Total		16	Total		18 $\frac{1}{2}$

YEAR TWO

(Courses taken while enrolled at Saint Augustine's College)

First Semester			Second Semester		
MAT 232	Calculus II	3	MAT 331	Calculus III	3
PHYS 242	General Physics	4	MAT 338	Differential Equations	3
PHYS 331	Electr. and Magnetics	3	PHYS 332	Electr. and Magnetics	3
PE 105	Physical Education	$\frac{1}{2}$	PHYS 333	Mechanics	3
PHIL 432	Origin of Beliefs or Ethics	3	PE 106	Physical Education	$\frac{1}{2}$
ENG 331	English Literature	3	ENG 121	Speech	2
			ECON 235	Principles of Economics	3
Total		16 $\frac{1}{2}$	Total		17 $\frac{1}{2}$

SUMMER SCHOOL

(Courses to be taken at Saint Augustine's College)

BIOL 141	General Zoology	4
PSYCH 232	General Psychology	3
ECON 236	Principles of Economics	3
Total		10

YEAR THREE

(Courses taken while enrolled at North Carolina State University)

First Semester			Second Semester		
MAE 206	Engr. Statics	3	MA 301	Appl. Diff. Eqns. I	3
BAE 151	Elements of Biol and Agri. Engr. 1	2	MAE 208	Engr. Dynamics	3
	Required Biol. (St. Aug.)	12	MAE 308	Fluid Mechanics I	3
			BAE 252	Elements of Bio. & Agr. Engr. II	4
			SSC 200	Soil Science	4
Total		17	Total		17

YEAR FOUR
(Courses taken while enrolled at North Carolina State University)

First Semester			Second Semester		
MAE 314	Solid Mechanics	3	BAE 342	Agr. Processing	4
MAE 301	Engr. Thermodynamics I	3	BAE 361	Analytical Methods	3
ST 361	Introd. to Stat. for Enr.	3	ECE 211	Electric Circuits I	3
BAE 471	Soil and Water Engr.	4	ECE 213	Electric Cir. I, Lab	1
	Required Biol. (St. Aug.)	3	ENG 321	Comm. Tech. Info.	3
				Hist. or Phil. of Sci.	3
	Total	16		Total	17

YEAR FIVE
(Courses taken while enrolled at North Carolina State University)

First Semester			Second Semester		
BAE 451	Agr. Engr. Design I	4	BAE 452	Agr. Engr. Design II	2
BAE 481	Agr. Structures & Env.	4	BAE 462	Funct. Des. of Field Mech.	3
BAE 391	Electrotechnology in			Engr. Science Elective	3
	Bio & Agr. Eng.	3		Required Biol. (St. Aug.)	8
	Required Biol. (St. Aug.)	8			
Total		19	Total		16

TOTAL CREDIT HOURS FOR GRADUATION: 180.5

Before any engineering student is eligible to enroll in a 200 or higher level engineering course that is a required course in the student's engineering curricula, the student must have earned a "C" or better in English III, Mathematics 102 and 201, and Physics 205. This requirement applies to both SBA and SBE students.

BS DEGREE IN BIOLOGY

A student majoring in Biological and Agricultural Engineering would need to complete the following courses at Saint Augustine's College to complete requirements for the Bachelor of Science Degree in Biology at Saint Augustine's College.

COURSES IN BIOLOGY

BIOL 241	Comparative Anatomy	4
BIOL 142	General Botany	4
BIOL 242	Comparative Embryology	4
BIOL 441	Bacteriology	4
BIOL 342	General Physiology	4
BIOL 341	Entomology	4
BIOL 442	Genetics	4
BIOL 322	Histology	4
BIOL 344	Biochemistry	4
BIOL 421	Special Problems	4
BIOL 426	Radio Biology	4

COURSES IN CHEMISTRY

CHEM 241	Qualitative Analysis	4
CHEM 242	Qualitative Analysis	4
CHEM 341	Organic Chemistry	4
CHEM 342	Organic Chemistry	4

BS DEGREE IN CHEMICAL ENGINEERING
(A 2-3 Dual Degree Between Saint Augustine's College
and North Carolina State University)

YEAR ONE

(Courses taken while enrolled at Saint Augustine's College)

First Semester			Second Semester		
CHEM 141	General Chemistry	4	CHEM 142	General Chemistry	4
ENG 131	English Composition	3	ENG 132	English Composition	3
MAT 132	Analytic Geometry	3	MAT 231	Calculus I	3
GC 101	Engineering Graphics (NCSU)	2	GC 100	Introduction to Engr. (NCSU)	1
HIST 133	World Civilization	3	HIST 134	World Civilization	3
EDUCA 111	Freshman Orientation	$\frac{1}{2}$	PHYS 241	General Physics	4
PE 100	Personal Hygiene	$\frac{1}{2}$	PE 104	Physical Education	$\frac{1}{2}$
Total		16	Total		18 $\frac{1}{2}$

YEAR TWO

(Courses taken while enrolled at Saint Augustine's College)

First Semester			Second Semester		
MAT 232	Calculus II	3	MAT 331	Calculus II	3
PHYS 242	General Physics	4	MAT 338	Differential Equations	3
PHYS 331	Electricity and Magnetics	3	PHYS 332	Electricity and Magnetics	3
PE 105	Physical Education	$\frac{1}{2}$	PHYS 333	Mechanics	3
PHIL 432	Origin of Beliefs or Ethics	3	PE 106	Physical Education	$\frac{1}{2}$
ENG 331	English Literature	3	ENG 121	Speech	2
Total		16 $\frac{1}{2}$	ECON 235	Principles of Economics	3
			Total		17 $\frac{1}{2}$

SUMMER SCHOOL

(Courses taken while enrolled at Saint Augustine's College)

BIOL 141	General Zoology	4
PSYCH 232	General Psychology	3
ECON 236	Principles of Economics	3
Total		10

YEAR THREE

(Courses taken while enrolled at Saint Augustine's College)

First Semester			Second Semester		
CH 221	Organic Chemistry I	4	ECE 331	Principles of Elec. Engr.	3
CHE 205	Chemical Proc.			H & SS (Lit)	3
	Principles	4	CH 223	Organic Chemistry	4
CHEM 242	Qualitative Analysis		CHE 225	Chemical Proc. Systems	3
	(St. Aug.)	4	FREN 231	French or (St. Aug.)	
FREN 231	French or (St. Aug.)		GERM 232	German (St. Aug.)	3
GERM 231	German (St. Aug.)	3			
	Total	15		Total	16

YEAR FOUR

(Courses taken while enrolled at North Carolina State University)

First Semester			Second Semester		
CHE 330	Chemical Engr. Lab I	2	CHE 312	Transport Processes II	3
CHE 315	Chem. Proc. Thermo.	3	CH 495	Spec. Topics in Phy. Chem.	3
CHE 311	Transport Processes I	3	CH 331	Chemical Engr. Lab II	2
EB 201	Economics I	3		History or Phil. of Sci.	3
MAT 201	Structure & Properties of Engr. Materials	3	CHE 316	Thermodynamics of Chem. & Phase Equilibria	3
BIOL 142	General Botany (St. Aug.)	4			
	Total	18		Total	14

YEAR FIVE

(Courses taken while enrolled at North Carolina State University)

First Semester			Second Semester		
CHE 421	Design & Analysis of Unit Operations	3	CHE 451	Chemical Engr. Design	3
	Technical Elective*	3		Technical Elective*	3
CHE 495	Seminar in Chem. Engr.	1	CH 315	Quantitative Analysis	4
CHE 446	Design and Analysis of Chemical Reactors	3	CHEM 442	Physical Chemistry (St. Aug.)	4
CHE 425	Process System Analysis and Control	3			
CHEM 441	Phys. Chem. (St. Aug.)	4			
	Total	17		Total	14

*CHE 432 Chemical Engr. Lab III strongly recommended as one of the Technical Electives.

TOTAL CREDIT HOURS FOR GRADUATION: 162.5

BS DEGREE IN CHEMISTRY

A student majoring in Chemical Engineering would need to complete the following courses at Saint Augustine's to complete requirements for the Bachelor of Science degree in Chemistry at Saint Augustine's College.

COURSES IN CHEMISTRY

CHEM 242	Qualitative Analysis	4
CHEM 441	Physical Chemistry	4
CHEM 442	Physical Chemistry	4
	Total	12

OTHER COURSES

BIOL 142	General Botany	4
FREN 231	French or	3
GERM 231	German	3
FREN 232	French or	3
GERM 232	German	3
PSYCH 232	General Psychology	3
	Total	19

DIVISION OF SOCIAL SCIENCES

Mission

The mission of the Division of Social Sciences is to create an environment where substantive conceptual and intellectual dialogue occurs that provides meaningful and challenging academic experiences for students preparing to embark upon careers in the social sciences. The Division offers well-defined programs in Criminal Justice, History, Political Science, Sociology, Urban Affairs, which seek to promote critical thinking, good study habits, intellectual inquisitiveness, and sound judgment. Through a variety of practical field experience, interdisciplinary programs and internships, the Division attempts to help students project and strengthen constructive social and interpersonal relationships, mature, positive self-image, and an appreciation for the cultural traditions that they represent in society.

Objectives

The objectives of the Division of Social Sciences are:

- (1) To provide courses that prepare students seeking degrees in History, Government, Sociology, Urban Affairs, Criminal Justice and Education.
- (2) To encourage a greater appreciation and awareness in students through study of the social sciences for their role in society and the world in general.
- (3) To emphasize through curriculum offerings and related programs a world view that creates a broader and clearer understanding of the interrelatedness of peoples and cultures.
- (4) To promote greater student involvement in community activities through direct participation at all levels and among all people.
- (5) To develop student potentials and basic skills through rigorous analytical, interpretation and critical intellectual challenges.

Major Requirements

The major requirements for degree programs in the Division of Social Sciences are as follows:

(1) History Major	50 semester hours
(2) Social Studies Major with Teacher Certification	45 semester hours
(3) Afro-American Studies Major (Interdisciplinary)	46 semester hours
(4) Sociology and Social Welfare Majors	30 semester hours
(5) Urban Affairs Major	33 semester hours
(6) Criminal Justice Major	30 semester hours
(7) Political Science Major	30 semester hours

The teaching certification program is based upon the North Carolina State Department of Education requirements for teacher certification in the State. Certification, however, is also contingent upon successfully achieving the designated score established by the State Department of Education on the National Teacher Examination.

Department of History and Government

- I. Major in History
- II. Major in Social Studies with Teacher Certification
- III. Major in Afro-American Studies
- IV. Major in Political Science
- V. Courses in Geography and Social Studies Methods

The mission of the Department of History and Government is to serve Saint Augustine's College by providing a well-defined program of courses in the Social Sciences that best provides training in designated areas such as history, political science/pre-law, and social studies with teacher certification for students seeking careers in government, foreign service, industry, education, law, and preparation for professional and/or graduate schools. The department seeks to expand the intellectual horizons of students and broaden their life experiences through substantive field experiences and highly structured internship programs. A student pursuing a degree in the Department will acquire a better understanding of his/her society as well as an appreciation for other cultures and peoples that make up the world community in which we live.

The basic objectives of the Department of History and Government are the following:

- a. To impart to the students of Saint Augustine's college a knowledge and an understanding of their cultural legacy from the past to the present in a world-wide setting.
- b. To develop among the students a cultural approach to history so that they will have a broad viewpoint towards man's total inherited and present experience in terms of interaction, geographic, ethnic, political, economic, religious, artistic, and intellectual influences.
- c. To encourage among its students and teachers a disciplined approach to the study of man's past and present, resulting in effective research, writing, and publication in the field of history and government.
- d. To make available pre-professional training to students who plan to enter graduate studies in history or other social sciences.
- e. To relate its activity as a department to the liberal arts in general and in particular to the purposes and activities of other departments of the college.
- f. To provide a theoretical foundation, subject matter proficiency, workshop experience in simulated classroom situations, and an acquaintance with the materials and literature useful in the teaching of the social studies at the secondary school level.

I. MAJOR IN HISTORY AND GOVERNMENT

General Education Requirements

MATH 130 Fundamental Math.	3
SOC 132 Introd. to Sociology	3
ENG 131-132 English Composition	6
ENG 121 Speech	2
BIOL 131 Fundamentals of Biology	3
CHEM 131 Physical Science	3
ENG 221-222 Humanities	4
PSYCH 232 General Psychology	3
PHIL 431 General Education: Origin of Beliefs or	
PHIL 432 Ethics	3
HIST 133-134 World Civilization	6
EDUCA 111 Freshman Orientation	½
ENG 122-123 Reading	4
PE 100 Personal Hygiene	½
PE 104,105,106 Physical Education	1½

Total 42½

Required Courses in the Social Sciences

HIST 133-134 World Civilization	6
HIST 231-232 American History	6
HIST 233-234 European History	6
HIST 235-236 African Culture & Civilization	6
HIST 321 Seminar in Historical Research	2
HIST 323 Afro-American in U.S. History	3
HIST 334 Recent American History	3
POL SC 231 Introduction to Political Science	3
POL SC 131 American National Government	3
GEOG 231 Principles of Geography	3
GEOG 232 Regional Geography	3
ECON 235-236 Principles of Economics	6

Total 50

Suggested Electives

HIST 330 Contemporary Affairs	3
HIST 335 Intellectual History of the West	3
POL SC 332 Comparative Government	3
POL SC 133 Political Theory	3
POL SC 335 Constitutional Law	3
POL SC 233 American State and Local Government	3
ENG 227 Afro-American Literature	2
SOC 235 Urban Sociology	2
SOC 327 Race Relations in the U.S.	2
SOC 434 Social Statistics	3

Total 27

Course sequence for Majors in History and Government

LANG 131 Modern Foreign Languages	3	LANG 132 Modern Foreign Languages	3
ENG 131 English Composition	3	ENG 132 English Composition	3
BIOL 131 Fundamentals of Biology	3	CHEM 131 Fund. of Physical Science	3
EDUCA 111 Freshman Orientation	½	ENG 121 Speech	2
PE 100 Personal Hygiene	½	PE 104 Physical Education	½
ENG 122 Reading	2	ENG 123 Reading	2
MATH 130 Fundamental Math	3	SOC 132 Intro. to Sociology	3
Total	15	Total	16½

Second Year

LANG 231 Modern Foreign Languages	3	LANG 232 Modern Foreign Languages	3
HIST 133 World Civilization	3	HIST 134 World Civilization	3
GEOG 231 Principles of Geography	3	GEOG 232 Regional Geography	3
PE 105 Physical Education	½	PE 106 Physical Education	½
ENG 221 Humanities	2	ENG 222 Humanities	2
POL SC 131 American Natl. Govt. Elective	3	POL SC 231 Intro to Political Sci.	3
Total	17½	PSYCH 232 General Psychology	3
		Total	17½

Third Year			
HIST 231	American History	3	HIST 232 American History 3
HIST 233	European History	3	HIST 234 European History 3
HIST 235	African History	3	HIST 236 African History 3
ECON 235	Principles of Economics	3	ECON 236 Principles of Economics 3
HIST 323	Afro-American Elective	3	HIST 335 Intellectual History of the West 3
			Elective 3
	Total	18	Total 18
Fourth Year			
HIST 334	Recent Am. History	3	Electives 16
HIST 321	Research Sem.	2	
PHIL 431	General Education: Origin of Beliefs or		
PHIL 432	Ethics	3	
	Electives	9	
	Total	17	

II. MAJOR IN SOCIAL STUDIES WITH TEACHER CERTIFICATION

To provide a theoretical foundation, subject matter proficiency, workshop experience in simulated classrooms, and an acquaintance with the materials and literature useful in the teaching of the social studies at the secondary school level. See Education Department for required courses in Education.

General Education Requirements		Required Courses in the Social Sciences	
MATH 130	Fundamental Mathematics 3	HIST 133-134	World Civilization 6
SOC 132	Introduction to Sociology 3	HIST 231-232	Survey of American History 6
ENG 131-132	English Composition 6	HIST 233-234	Survey of European Civilization 6
ENG 121	Speech 2	HIST 323	Afro-Amer. in U.S. Hist. 3
BIOL 131	Fundamentals of Biology 3	POL SC 231	Introd. to Pol. Sci. 3
CHEM 131	Physical Science 3	POL SC 131	Amer. Natl. Govt. 3
ENG 221-222	Humanities 4	GEOG 234	Principles of Geography 3
PE 100	Personal Hygiene ½	GEOG 232	Regional Geography 3
PE 104, 105, 106	Physical Education 1½	SOC 132	Introduction to Sociology 3
PSYCH 232	General Psychology 3	SOC 231	Modern Social Problems and the Black Experience 3
PHIL 431	General Education: Origin of Beliefs or	ECON 235-236	Prin. of Economics 6
PHIL 432	Ethics 3		
HIST 133-134	World Civilization 6		
EDUCA 111	Freshman Orientation ½		
ENG 122-123	Reading 4		
	Total 42½	Total	45

Suggested Electives

HIST 235-236 African Culture & Civilization	3
HIST 321 Seminar in Historical Research	2
HIST 330 Contemporary Affairs	3
HIST 334 Recent American History	3
HIST 335 Intellectual History of the West	3
POL SC 332 Comparative Government	3
POL SC 133 Political Theory	3
POL SC 335 Constitutional Law	3
POL SC 233 American State & Local Government	3
ENG 227 Afro-American Literature	2
SOC 235 Urban Sociology	2
SOC 327 Race Relations in the U.S.	2
SOC 434 Social Statistics	3
Total	35

Course Sequence for Social Studies Majors with Teacher Certification

First Year

First Semester			Second Semester		
Descriptive Title			Descriptive Title		
131	Modern Foreign Lang.	3	132	Modern Foreign Lang.	3
HIST 133	World Civilization	3	HIST 134	World Civilization	3
ENG 131	English Composition	3	ENG 131	English Composition	3
BIOL 131	Fund. of Biology	3	CHEM 131	Fund. of Physical Science	3
MATH 130	Fund. of Mathematics	3	PE 104	Physical Education	½
EDUCA 111	Freshman Orientation	½	PSYCH 232	General Psychology	3
ENG 122	Reading	2	ENG 123	Reading	2
PE 100	Personal Hygiene	½			
Total		18	Total		17½

Second Year

First Semester			Second Semester		
231	Modern Foreign Lang.	3	232	Modern Foreign Lang.	3
HIST 231	American Hist. to 1877	3	HIST 232	American Hist. Since 1877	3
HIST 233	European History	3	HIST 234	European History	3
EDUCA 233	Foundations of Educa.	3	EDUCA 321	Educational Psychology	3
GEOG 231	Principles of Geog.	3	GEOG 232	Regional Geography	3
ENG 221	Humanities	2	ENG 222	Humanities	2
PE 105	Physical Education	½	PE 106	Physical Education	½
Total		17½	Total		17½

Third Year

First Semester			Second Semester		
POL SC 332	American Natl. Govt.	3	POL SC 231	Intro. to Pol. Science	3
HIST 323	Afro-American History	3	ECON 236	Principles of Economics	3
EDUCA 431	Principles of Sec. Ed.	3	HIST 321	Seminar in Historical Res.	2
ECON 235	Principles of Economics	3	POL SC 233	State & Local Govt.	3
SOC 231	Modern Social Problems	3	HIST 330	Contemporary Affairs	3
EDUCA 344	Social Studies Methods	3	EDUCA 339	Teaching of Reading in Content Areas	3
Total		18	Total		17

Fourth Year

	First Semester		Second Semester	
HIST 335	Intellectual Hist. of the West	3	EDUCA 461 Student Teaching	6
EDUCA 432	Tests and Measurements	3	EDUCA 465 Seminar in Education	6
PHIL 431	General Education: Origin of Beliefs or			
PHIL 432	Ethics	3		
	Electives	9		
	Total	18	Total	12

III. MAJOR IN AFRO-AMERICAN STUDIES (AN INTERDISCIPLINARY MAJOR)

General Education Requirements		Required Courses	
MATH 130 Fund. Mathematics	3	HIST 231-232 American History	6
SOC 132 Introduction to Sociology	3	HIST 235-235A African Culture and Civilization	6
ENG 131-132 English Composition	6	HIST 321 Seminar in Historical Research	2
ENG 121 Speech	2	HIST 323 Afro-Amer. in U.S. His.	3
BIOL 131 Fundamentals of Biology	3	ENG 221-222 Humanities	4
CHEM 131 Physical Science	3	ENG 227 Afro-American Literature	2
ENG 221-222 Humanities	4	ENG 235 Modern African Literature	3
PSYCH 232 General Psychology	3	ENG 435 English Seminar	2
PHIL 431 Gen. Education: Origin of Beliefs or		SOC 132 Introd. to Sociology	3
PHIL 432 Ethics	3	SOC 232 Contemporary Family Life	3
HIST 133-134 World Civilization	6	SOC 235 Urban Sociology	2
EDUCA 111 Freshman Orientation	½	SOC 327 Race Relations in the United States	2
ENG 122-123 Reading	4	SOC 331 Modern Social Problems & the Black Experience	3
PE 100 Personal Hygiene	½	ECON 235-236 Prin. of Economics	6
PE 104, 105, 106 Physical Education	1½		
Total	42½	Total	46

Suggested Electives

HIST 330	Contemporary Affairs	3
HIST 334	Recent American History	3
HIST 335	Intellectual History of the West	2
POL SC 332	Comparative Politics	3
POL SC 133	Political Ideologies	3
POL SC 335	Constitutional Law	3
POL SC 233	American State & Local Government	3
SOC 434	Social Statistics	3
SOC 443	Community Organization	3
Total		26

COURSE SEQUENCE FOR MAJOR IN AFRO-AMERICAN STUDIES

First Year

First Semester			Second Semester		
Descriptive	Title		Descriptive	Title	
HIST 133	World Civilization	3	HIST 134	World Civilization	3
ENG 131	English Composition	3	ENG 132	English Composition	3
BIOL 131	Fundamentals of Biology	3	CHEM 131	Fundamentals of	
EDUCA 111	Freshman Orientation	1/2		Physical Science	3
PE 10	Personal Hygiene	1/2	ENG 121	Speech	2
MATH 130	Fundamental Math.	3	PE 104	Physical Education	1/2
SOC 132	Intro. to Sociology	3	SOC 327	Race Relations in the U.S.	3
ENG 122	Reading	2	ENG 123	Reading	2
	Total	18		Total	16 1/2

Second Year

First Semester			Second Semester		
HIST 231	American History to 1865	3	HIST 232	American History since 1865	3
HIST 235	African Culture & Civilization	3	HIST 235A	African Culture & Civilization	3
HIST 323	Afro-American in U.S. History	3	SOC 232	Comtemporary Family Life	3
SOC 235	Urban Sociology	2	PSYCH 232	General Psychology	3
ECON 235	Principles of Economics	3	ECON 236	Principles of Economics	3
SOC 231	Modern Social Problems	3	ENG 227	Afro-American Literature	2
PE 105	Physical Education	1/2			
	Total	17 1/2		Total	17

Third Year

First Semester			Second Semester		
ENG 221	Humanities	2	ENG 222	Humanities	2
ENG 235	Modern African Literature	3		Electives	13
PHIL 431	General Education: Origin of Beliefs or				
PHIL 432	Ethics	3			
	Electives	6			
PE 106	Physical Education	1/2			
	Total	14 1/2		Total	15

Fourth Year

First Semester			Second Semester		
ENG 435	English Seminar	2		Electives	15
SOC 433	Community Organization	3			
	Electives	9			
	Total	14		Total	15

Course Sequence for Majors in Political Science/Pre-Law

First Year

First Semester			Second Semester		
Descriptive	Title		Descriptive	Title	
SPAN 131	Elementary Spanish	3	SPAN 132	Elementary Spanish	3
ENG 131	English Composition	3	ENG 132	English Composition	3
EDUCA 111	Freshman Orientation	½	CHEM 131	Physical Science	3
PE 100	Personal Hygiene	½	ENG 123	Reading	2
POL SC 131	American Natl. Govt.	3	PE 104	Physical Education	½
ENG 121	Speech	2	POL SC 133	Political Ideologies	3
ENG 122	Reading	2	PSYCH 232	General Psychology	3
	Elective	3			
	Total	17		Total	17½

Second Year

First Semester			Second Semester		
SPAN 231	Intermediate Spanish	3	SPAN 232	Intermediate Spanish	3
MATH 131	Fundamentals of Math	3	ENG 222	Humanities	2
ENG 221	Humanities	2	HIST 134	World Civilization	3
HIST 133	World Civilization	3	POL SC 235	American Executive Proc.	3
PE 105	Physical Education	½	PE 106	Physical Education	½
POL SC 231	Intro. to Polit. Science	3	POL SC 233	American State & Loc.	
BIOL 131	Fund. of Biology	3		Govt.	3
				Elective	3
	Total	17½		Total	17½

Third Year

First Semester			Second Semester		
SOC 132	Intro. to Sociology	3	PHIL 432	Ethics	3
POL SC 235	American Legislative Proc.	3	POL SC 333	American Judicial Proc.	3
POL SC 335	Constitutional Law	3	POL SC 337	Intern. Relations	3
HIST 231	American History	3	HIST 232	American History	3
ENG 131	Afro-American Lit.	2	SOC 235	Urban Sociology	2
	Elective	3		Elective	3
	Total	17		Total	17

Fourth Year

First Semester			Second Semester		
HIST 235	African Culture	3	HIST 236	African Culture	3
ECON 235	Principles of Econ.	3	ECON 236	Principles of Econ.	3
GEOG 231	Principles of Geography	3	GEOG 232	Regional Geography	3
POL SC 441	Methods	3	POL SC 444	Independent Study	4-6
	Electives	5		Electives	3-4
	Total	17		Total	16-19

HISTORY

Course Titles and Descriptions for History

HIST 133-134. HISTORY OF WORLD CIVILIZATION TO 1650 AND SINCE 1650. The cries of man's history and civilization of the past, present, and future demand empirical analysis and interpretation. This course consists of a study of the contributions of all races to world civilization and the relevancy of these contributions to the progress of mankind. **(3) Fall (3) Spring.**

HIST 231. SURVEY OF AMERICAN HISTORY FROM ITS ORIGIN TO 1877. A general survey of all the major developments in America within this time span including contributions of Afro-Americans. **(3) Fall.**

HIST 232. SURVEY OF AMERICAN HISTORY FROM 1877 TO PRESENT. A general survey of all the major developments in America within this time span emphasizing the Afro-American's contributions. **(3) Spring.**

HIST 233. SURVEY OF EUROPEAN CIVILIZATION 1500-1789. A study of the developments of Europe from the Renaissance to the French Revolution. **(3) Fall.**

HIST 234. SURVEY OF EUROPEAN CIVILIZATION SINCE 1789. A study of the developments of Europe since 1789 with considerable emphasis on the world setting. **(3) Spring.**

HIST 235 and 236. SURVEY OF AFRICAN CULTURE AND CIVILIZATION. Concentration is on Bantu-speaking peoples and nations of Africa, south of the Sahara. It shows the rich heritage of the people of Africa and stresses its variety and outstanding genius shown at various times in the several sectors of the cultural configuration. Necessary reference will be made to Egypt, the Arab-dominated countries along the Mediterranean and to the White-dominated South African areas. The main undertaking, however, is to synthesize the present knowledge of Africa in ancient times, medieval times, the period of the commercial revolution with the arrival of the Europeans, and the period from 1800 to the present. In the modern period strong emphasis is placed on the slave trade, the interaction of Africa with Europe and the Americas, the imperialistic partitions of the late 19th and 20th centuries, Colonialism with its advantages and disadvantages in the 20th century, and the rise of modern nationalism. **(3) Fall (3) Spring.**

HIST 321. SEMINAR IN HISTORICAL RESEARCH. Methods and practice in the use of research papers. **(2) Fall or Spring.**

HIST 323. THE AFRO-AMERICAN IN UNITED STATES HISTORY. A study of the transplantation of the African to the New World and a survey of his progress through a study of Negro institutions. **(3) Fall or Spring.**

HIST 330. HISTORY OF CONTEMPORARY AFFAIRS. Use of current periodical materials to study and discuss broad contemporary movements. **(3) Fall or Spring.**

HIST 334. RECENT AMERICAN HISTORY. A study of the United States in the 20th century in relationship to its domestic and foreign affairs. **(3) Fall or Spring.**

HIST 335. INTELLECTUAL HISTORY OF THE WEST. Instead of touching upon all phases of the intellectual developments of the West, selected major ideologies are studied, beginning with Socrates and ending with some intellectual problems posed by contemporary science. Extensive collateral readings from the sources are used. **(3) Fall.**

HIST 336. TOPICS IN INTERNATIONAL STUDIES. This course is designed to provide students with a general introduction to contemporary non-Western cultures. As an alternative to existing offerings, it will be presented through a flexible and innovative series of syllabi, focusing on specific topics in the historical literary, and/or anthropological study of non-Western societies. **(2) Fall.**

GEOGRAPHY

GEOG 331. PRINCIPLES OF GEOGRAPHY. Presents the important principles basic in the proper understanding of the world in which we live as: universe relationships, earth as man's home, latitude and longitude, map making and interpretation, land animals, population relationships, and the conservation of natural resources. **(3) Fall or Spring.**

GEOG 332. REGIONAL GEOGRAPHY. Continuation of Geography 331, with greater emphasis on economic and political aspects. Consideration is given also to physical and cultural variations associated with land utilization. **(3) Fall or Spring.**

Course Titles and Descriptions for Political Science/Pre-Law

POL SC 131. AMERICAN NATIONAL GOVERNMENT. Major aspects of national government with emphasis on the policy-making process. **(Required one semester all Freshmen majors). (3) Fall or Spring.**

POL SC 133. POLITICAL IDEOLOGIES. Introduction to basic contemporary political ideologies: theoretical foundations of democracy, socialism, communism, political elitism, and nationalism. Special attention to ideology underlying contemporary political problems. **(Required one semester all Freshmen majors). (3) Fall.**

POL SC 231. INTRODUCTION TO POLITICAL SCIENCE. Acquaints the student with the theories, methods, and concepts of political science. Emphasis is on ideology and interests in the political process. **(3) Fall or Spring.**

POL SC 232. BLACK POLITICAL MOVEMENTS. Examines attempts by blacks to gain political access and identity in America from post-Civil War through Black Nationalism. Treated as a case study of the politics of social movements. **(3) Spring.**

POL SC 233. AMERICAN STATE AND LOCAL GOVERNMENT. Major aspects of policy-making process at the state, county, and city levels. Some comparison of county systems in select states. **(3) Spring.**

POL SC 234. POLITICAL PARTIES. Origins, structure, and functions of political parties. Emphasis on dynamics of the American two-party system. Role of one party system in Third World countries. **(3) Fall.**

POL SC 235. AMERICAN EXECUTIVE PROCESS. Role of the president, state governors, municipal executives in the American system of government. Analysis and discussion of constitutional status and powers, selection, administrative responsibilities, legislative and political leadership, accountability and responsibility of chief executives. **(3) Fall.**

POL SC 331. AMERICAN LEGISLATIVE PROCESS. Nature of legislative process in the United States: organization and procedure of legislative bodies; direct legislation, relationships of legislative branch to other branches of government. **(3) Fall.**

POL SC 332. COMPARATIVE POLITICS. Comparison of political systems in western and non-western nations. **(3) Spring.**

POL SC 333. AMERICAN JUDICIAL PROCESS. Analysis of the structure and functions of judicial systems, organization, administration, and politics of judicial bureaucracies. Role of judges, juries, counsel, litigants, and interest groups in adjudication processes. **(3) Fall.**

POL SC 334. AMERICAN POLITICAL THOUGHT. American political ideas from colonial times to the present. **(3) Fall.**

POL SC 335. CONSTITUTIONAL LAW. A study of major court decisions in relation to the growth and development of the American Constitution. **(3) Fall.**

POL SC 336. THE GOVERNMENT AND POLITICS OF LATIN AMERICA. Survey of politics in the area: competing ideologies, types of revolutions, sources of instability, party and interest group developments, relationships between political, social, and economic structures, and relationships between the United States and Latin America. **(3) Fall.**

POL SC 337. INTERNATIONAL RELATIONS. An introduction to and analysis of the factors conditioning the relationships between nations. Emphasis is placed on the functions of power, diplomacy, and international law and organization. **(3) Spring.**

POL SC 441. STATISTICAL ANALYSIS/QUANTITATIVE ANALYSIS/COMPUTER. **(To be taken by all majors). (3) Spring.**

POL SC 442. PUBLIC ADMINISTRATION. An analysis of public bureaucratic organizations. Specific topics include decision-making, public policy, organizational structure and the role of bureaucracy in a democratic society. **(3) Fall.**

POL SC 443. AFRICAN POLITICS. Political practices and perspectives in Africa. Special attention to emerging independent nations of Sub-Sahara Africa. Analysis of socio-political change, nationalism, cultural duality, nation-building Pan Africanism. **(3) Fall.**

POL SC 444. INDEPENDENT STUDY. Open to senior majors upon approval of research project. **Prerequisite: POL SC 441.**

SOCIAL STUDIES METHODS

EDUCA 344. METHODS AND MATERIALS IN THE SOCIAL STUDIES. The development of social studies in the secondary schools, methods of teaching the social studies, equipment and resources, evaluation and measurement of the social studies, and the teacher in the community. Prerequisite: Open only to juniors and first semester seniors who have completed the required courses pertinent to teaching in the State of North Carolina. **(3) Fall.**

DEPARTMENT OF SOCIOLOGY AND SOCIAL WELFARE

THE MISSION AND OBJECTIVES OF THE DEPARTMENT OF SOCIOLOGY AND SOCIAL WELFARE

To acquaint students with the forces and principles basic to the operation of human society and help them to relate this understanding to contemporary social problems; to assist students in understanding the individual, society, and culture; to provide a useful background for diverse fields including counseling, placement in the areas of public service, and, social work as well as for graduate study.

OBJECTIVES OF THE SOCIOLOGY AND SOCIAL WELFARE PROGRAM. This program is oriented toward providing a mature understanding of social behavior on the pre-professional and pre-graduate levels geared to an understanding of social welfare as a social institution and an appreciation of the values which underlie such activities. The program is not designed to prepare one for teaching in elementary and secondary schools. More specifically, we aim

1. To orient students planning to enter related professional fields for which there are no required pre-professional sequences other than a good general education with emphasis on the Social Sciences.
2. To orient students planning to enter graduate education in Social Work.
3. To provide educational content in Social Welfare for students as citizens.

The following courses are required of all Sociology and Social Welfare majors:

Sociology 132 or 233, 231, 232, 234, 331, 333, 335, 436, 442, 443.

General Education Requirements		Required Courses in the Major Area	
HIST 133-134 World Civilization	6	SOC 132 Introductory Sociology	
ENG 131-132 English Composition	6	or	
ENG 121 Speech	2	SOC 233 Cultural Anthropology	3
EDUCA 111 Freshman Orientation	1½	SOC 231 Modern Social Problems and the Black Experience	3
ENG 221-222 Humanities	4	SOC 232 Contemporary Family Life	3
BIOL 131 Fundamentals of Biology	3	SOC 331 Intro. to Social Welfare	3
CHEM 131 Physical Science	3	SOC 333 Intro. to Social Casework	3
MATH 130 Fundamental Math.	3	SOC 335 Social Theory	3
ECON 235 Principles of Economics	3	SOC 436 Field Experience	3
PSYCH 232 General Psychology	3	SOC 442 Juvenile Delinquency	3
PHIL 431 General Education: Origin of Beliefs or		SOC 443 Community Organization	3
PHIL 432 Ethics	3	SOC 234 Social Psychology	3
ENG 122-123 Reading	4		
PE 100 Personal Hygiene	1½		
PE 104, 105, 106 Physical Education	1½		
Total	42½	Total	30

Courses From Which Electives May Be Taken

PSYCH 232 General Psychology	3
HIST 231 American History	3
GOVT 332 American Government	3
SOC 235 Urban Sociology	2
SOC 327 Race Relations in the United States	2
SOC 252 Courtship and Marriage	2
SOC 323 Intro. to Social Research	2
PSYCH 332 Psychology of Adolescence	3
GOVT 331 Political Science	3
HIST 233 European History	3
HIST 225 Survey of African Culture and Civilization	3
GEOG 231 Principles of Geography	3
GOVT 333 Comparative Government	3
MATH 321 Computer Instruction	2
Total	37

Suggested Electives

BUS 437 Labor Problems	3
BUS 445 Personnel Management	3

Note: Twenty-five hours may be taken as free electives from other areas.

First Year

First Semester			Second Semester		
Descriptive Title			Descriptive Title		
HIST 133	World Civilization	3	HIST 134	World Civilization	3
ENG 131	English Composition	3	ENG 132	English Composition	3
EDUCA 111	Freshman Orientation	½	CHEM 131	Physical Science	3
BIOL 131	Fund. of Biology	3	SOC 231	Modern Social Problems and the Black Experience	3
MATH 130	Fundamental Math.	3	PE 104	Physical Education	½
SOC 132	Introd. to Sociology or		ENG 121	Speech	2
SOC 233	Cultural Anthropology	3	ENG 123	Reading	2
ENG 122	Reading	2			
PE 100	Personal Hygiene	½			
Total		18	Total		16½

Second Year

First Semester			Second Semester		
ECON 235	Principles of Economics	3	GOVT 332	Political Science	3
ENG 221	Humanities	2	SOC 232	Contem. Family Life	3
	Electives	6	ENG 222	Humanities	2
PE 105	Physical Education	½		Electives	9
SOC 234	Social Psychology	3	PE 106	Physical Education	½
HIST 231	American History	3			
Total		17½	Total		17½

Third Year

First Semester			Second Semester		
PSYCH 232	General Psychology	3	PSYCH 332	Psychology of Adolescence	3
SOC 335	Social Theory	3	HIST 232	American History	3
SOC 331	Introd. to Soc. Welfare	3	SOC 333	Social Casework	3
	Elective	3	GOVT 332	American Government	3
SOC 434	Social Statistics	3		Elective	4
Total		15	Total		16

Fourth Year

First Semester			Second Semester		
PHIL 431	General Education:		PSYCH 331	Child Development II	3
	Origin of Beliefs or		SOC 442	Juvenile Delinquency	3
PHIL 432	Ethics	3		Elective	3
	Community				
SOC 443	Organization	3			
SOC 436	Field Experience	3			
	Elective	3			
Total		12	Total		9

DESCRIPTION OF COURSES

SOC 132. INTRODUCTORY SOCIOLOGY. The scientific study of the basic principles and concepts for analyzing human relationships. (3) **Fall or Spring.**

SOC 231. MODERN SOCIAL PROBLEMS. The course provides an analysis of such problems as: aging, alcoholism, ethnic and race relations, juvenile delinquency, mental illness, poverty and many more, utilizing the conceptual frameworks of deviant behavior, labeling, social disorganization, and value conflict in order to understand the problems. (3) **Fall or Spring.**

SOC 232. CONTEMPORARY FAMILY LIFE. The course is designed to familiarize students with the historical development of family study and three major frameworks: structural-functional, interactional, and developmental to study

the family. There is a special emphasis on the socialization process, marital choice and family functions among Afro-American families. **(3) Fall or Spring.**

SOC 233. CULTURAL ANTHROPOLOGY. The purpose of this course is to introduce the students to the principles and processes of cultural anthropology. Several approaches: diffusionism, evolutionism, functionalism, historical particularism are presented to offer insights into human behavior. **(3) Fall or Spring.**

SOC 331. INTRODUCTION TO SOCIAL WELFARE. The course acquaints students with the concepts, social welfare and social work, their history in Europe, and their development in the United States. It also introduces various social work methods utilized in social welfare programs. **(3) Fall or Spring.**

SOC 234. SOCIAL PSYCHOLOGY. Emphasis is given to the study of facts, principles, and theories of social psychology; interpretations and applications in the areas of social phenomena and social issues. **(3) Fall or Spring.**

SOC 235. URBAN SOCIOLOGY. An examination and analysis of the urban community with reference to the social processes of urbanization, industrialization and bureaucratization as they relate to changing social organization, population trends, social problems and planning. Special attention is devoted to the growth and development of urban ghettos. **(2) Spring.**

SOC 252. COURTSHIP AND MARRIAGE. Attention is focused upon an understanding of contemporary American marriage and family interaction as a means of understanding one's self and others in the area of human behavior. **(2) Fall.**

SOC 322. CRIMINOLOGY. Social backgrounds of criminals and delinquents; development of criminal behavior; problems of crime prevention and control; agencies dealing with crime; analysis of present criminological and penal methods. **(3) Fall, Spring.**

SOC 323. INTRODUCTION TO SOCIAL RESEARCH. An analysis of the principal methods of research; brings together resources from library and laboratory; focuses attention on the design of inquiry. **Prerequisite: SOC 434. (2) Spring.**

SOC 327. RACE RELATIONS IN THE UNITED STATES. An analysis of the nature of and reaction to racism. **Prerequisite: SOC 132 or 233. (2) Spring.**

SOC 331. INTRODUCTION TO SOCIAL WELFARE. This course is concerned with the scope and evolution of social welfare, current approaches to social provisions, theoretical perspectives and intervention strategies for social work, and an analysis of the social work profession. **Prerequisite: SOC 132, 234. (3) Fall.**

SOC 333. INTRODUCTION TO SOCIAL CASEWORK. An introduction to the principles, methods and techniques which form the basis of social casework practices. **Prerequisite: SOC 331. (3) Fall or Spring.**

SOC 335. SOCIAL THEORY. The study of social theories from Augustus Comte to modern times; the evolution of theories of the individual, group, and society; the modern development of sociology and interpretive systems accompanying these developments. **Prerequisites: SOC 132, 234. (3) Fall.**

SOC 434. SOCIAL STATISTICS. This is designed to afford the student an understanding and appreciation of quantitative research methods in the social

sciences; and to give him a mastery of the procedures of statistical analysis. This course is especially useful before entering graduate school. **(3) Fall.**

SOC 436. FIELD KNOWLEDGE. This course is designed to assist students to acquire first-hand knowledge of the operation of community services. Internship fee \$20.00. **Prerequisites: Sociology major, senior standing, and consent of the Department chairman. (3) Fall or Spring.**

SOC 442. JUVENILE DELINQUENCY. The study of causation, treatment, prevention, and control of juvenile delinquency. **Prerequisites: SOC 132, 234, 333. (3) Spring.**

SOC 443. COMMUNITY ORGANIZATION. Community organization is viewed as a process of bringing about desirable changes in community life. Community needs and resources available to meet these needs are studied. Democratic processes in community action and principles of community organization are stressed, along with techniques and procedures. The roles of leaders, both lay and professional, in community organization are analyzed. **Prerequisites: SOC 331, 333. (3) Fall or Spring.**

DEPARTMENT OF SOCIOLOGY AND SOCIAL WELFARE URBAN AFFAIRS

The Department of Sociology and Social Welfare's interdisciplinary program in Urban Affairs is designed to prepare students for professional practice and responsibilities in a broad range of functions in government and private industry concerned with the process and problems of urban development. The program builds on the basic foundations of knowledge in several undergraduate fields of study to develop competence in a comprehensive approach to urban problems.

The curriculum is organized to give the student a basic concept of the interrelationships existing between the social, economic, and governmental factors of urban society, an understanding of human behavior in relation to environment, and a capability to apply research analysis and evaluation skills to public policy issues, public programs and the development of a desirable environment for living.

The following courses have been added to the Department of Sociology and Social Welfare's interdisciplinary concentration in Urban Affairs:

ECON 406. URBAN ECONOMICS. Economic analysis of urban growth, urban structure and current urban problems: location theory, transportation and housing policy, racial issues, and the provision of urban services. **(3) Fall or Spring.**

GEOG 232. URBAN GEOGRAPHY. A geographical study of the spatial structure and function of urban settlements. Emphasis is on the regional relations of cities and central place theory. **(3) Fall or Spring.**

BUS 445. URBAN TRANSPORTATION. Fundamental characteristics of the urban transportation system and other technologic systems as components of urban structure. Methodologies for the analysis and planning of urban transportation. **(3) Fall or Spring.**

SOC 438. URBAN INTERNSHIP. One semester/summer of professional employment in an approved planning agency under competent supervision. During this period the student will be required to submit monthly reports to the Urban Affairs Project Director. **Fee \$20.00.**

SOC 235. URBAN SOCIOLOGY. An examination and analysis of the urban community with reference to the social processes of urbanization, industrialization and bureaucratization as they relate to changing social organization, population trends, social problems and planning. Special attention is devoted to the growth and development of urban ghettos. **(3) Fall or Spring.**

*Elective SOC 437. CRIMINAL JUSTICE. This course will provide an understanding of man and the state, justice and law, law enforcement and punishment as well as an emphasis on the problem of conducting responsible and responsive law enforcement operations within our democratic society. **Prerequisite: SOC 335. (3) Fall or Spring.**

URBAN AFFAIRS
(concentration)

General Education Requirements

HIST 133-134 World Civilization	6
ENG 131-132 English Composition	6
ENG 121 Speech	2
EDUCA 111 Fresh. Orientation	1½
ENG 221-222 Humanities	4
BIOL 131 Fund. of Biology	3
CHEM 131 Man and his Environ.	3
MATH 130 Fund. of Math.	3
ECON 235 Principles of Economics	3
PSYCH 232 Gen. Psychology	3
PHIL 431 General Education: Origin of Beliefs or	
PHIL 432 Ethics	3
ENG 122-123 Reading	4
PE 100 Personal Hygiene	½
PE 104, 105, 106 Physical Education	1½
Total	42½

Required Courses for Sociology Majors

SOC 132 Intro. to Sociology	3
SOC 233 Cultural Anthropology	3
SOC 231 Modern Social Problems	3
SOC 232 Cont. Family Life	3
SOC 331 Intro. to Social Welfare	3
SOC 333 Social Casework	3
SOC 335 Social Theory	3
SOC 436 Field Experience	3
SOC 442 Juvenile Delinquency	3
SOC 443 Community Org.	3
SOC 234 Social Psychology	3

Total 33

Urban Affairs Concentration

SOC 235 Urban Sociology	3
BUS 445 Urban Transportation	3
GEOG 232 Urban Geo.	3
GOVT 336 State & Local Govt.	3
ECON 406 Urban Economics	3
SOC 438 Urban Intern.	3
SOC 323 Social Research	2
BUS 437 Labor Problems	3
BUS 445 Personnel Man.	3
BUS 337 Computer Science	3
Total	29

Electives*

PSYCH 232 Psychology of Adolescence	3
HIST 231 American History	3
GOVT 332 American Govt.	3
SOC 327 Race Relations	2
SOC 252 Courtship & Marriage	2
GOVT 331 Political Science	3
GEOG 231 Prin. of Geog.	3
HIST 232 American Hist.	3
SOC 322 Criminology	3
GOVT 333 Comp. Govt.	3
SOC 434 Social Statistics	3
PSYCH 332 Child Development	3
PE 334 Social & Community Health	2
Total	36

***Note: Nineteen of the electives above must be taken to satisfy graduation requirements.**

URBAN AFFAIRS

Course Sequence

First Year

First Semester			Second Semester		
Descriptive	Title		Descriptive	Title	
HIST 133	World Civilization	3	HIST 134	World Civilization	3
ENG 131	English Composition	3	ENG 132	English Composition	3
EDUCA 111	Fresh. Orientation	½	BIOL 131	Fund. of Biology	3
CHEM 131	Man and his Environ.	3	PE 104	Phy. Education	½
MATH 130	Fund. of Math.	3	ENG 121	Speech	2
PE 100	Personal Hygiene	½	SOC 231	Modern Social Problems	3
SOC 132	Intro. to Sociology	3	ENG 123	Reading	2
ENG 122	Reading	2			
Total		18	Total		16½

Second Year

First Semester			Second Semester		
SOC 233	Cul. Anthro.	3	GOVT 331	Political Sc.	3
HIST 231	American History	3	GOVT 332	American Gov't.	3
ENG 221	Humanities	2	ENG 222	Humanities	2
PE 105	Physical Education	½	PE 106	Phy. Education	½
SOC 234	Social Psychology	3	HIST 232	American Hist.	3
ECON 235	Principles of Economics	3	SOC 322	Criminology	3
PSYCH 232	General Psychology	3	HIST 232	American History	3
Total		17½	Total		17½

Third Year

First Semester			Second Semester		
GOVT 336	State & Local Govt.	3	ECON 406	Urban Econ.	3
SOC 335	Social Theory	3	BUS 445	Urban Transpt.	3
SOC 331	Social Welfare	3	SOC 443	Community Org.	3
SOC 323	Social Research	2	GEOG 232	Urban Geog.	3
SOC 232	Cont. Family Life	3	SOC 434	Social Statistics	3
SOC 235	Urban Sociology	2			
Total		16	Total		15

Fourth Year

First Semester			Second Semester		
PHIL 432	Ethics	3	SOC 438	Urban Intern.	3
SOC 442	Juvenile Delinquency	3	Electives		3
PSYCH 332	Child Development	3			
BUS 437	Labor Problems	3			
SOC 327	Race Relations	2			
Total		14	Total		6

Suggested Electives

SOC 333	Social Casework	3	BUS 337	Computer Science	3
BUS 445	Personnel Man.	3	SOC 321	Soc. of Women	3
SOC 437	Criminal Justice	3	GOVT 333	Comp. Govt.	3

BACHELOR OF SCIENCE DEGREE IN CRIMINAL JUSTICE

OBJECTIVES

1. To provide students with a broad and intensive exposure in the study and control of crime and delinquency, and in the operation of the criminal justice system.
2. To prepare pre-service students for careers in criminal justice and upgrading in-service competencies.

3. To assist criminal justice agencies in identifying potential employees, especially minority applicants.

The Criminal Justice Program is interdisciplinary. It is drawn from sociology, psychology, government, law enforcement and police science. In addition to the general education requirement, the major requirement is thirty hours. Eighteen hours of required electives should be pursued.

Internship will be required in the first and second semesters of the junior year and will provide professional training in correctional institutions, courts, probation and parole centers and at law enforcement headquarters.

The courses in Criminal Justice are designed for law enforcement officers, whose freshman and sophomore years may be transferred to Saint Augustine's for credit. In addition to the general education that may be transferred, the 12 hours requirement in internship may be waived for senior law enforcement officers. Persons in such category would be expected to complete 12 hours of free electives. This, of course, encourages flexibility in the program. Or, 12 hours of independent study may be pursued by persons who qualify.

Opportunities for reciprocal relationships as well as collaborative relationships could be developed between Saint Augustine's and the Raleigh Police Department. Research will be provided at the college for law enforcement officers. Other relationships will be sought with the courts, service agencies, and correctional institutions.

Required Major Courses

CJ 101 Introduction to Criminal Justice	3
CJ 235 Law Enforcement	3
CJ 307, 308 Internship	12
CJ 304 Criminal Justice Research	3
CJ 401 Criminal Law	3
CJ 300 Introduction to Corrections	3
CJ 310 Criminal Justice Organization	3
Total	30

Required Social Science Courses

SOC 132 Introduction to Sociology	3
SOC 231 Modern Social Problems	3
GOVT 332 American National Government	3
SOC 322 Criminology	3
SOC 442 Juvenile Delinquency	3
GOVT 337 Judicial Process	3
Total	18

Courses from Which Electives May Be Taken

GOVT 336 American State and Local Government
SOC 235 Urban Sociology
CJ 403 Contemporary Police Policies and Problems
CJ 405 Probation and Parole
CJ 409 Police Administration
GOVT 335 Constitutional Law
CJ 420 Criminal Justice Seminar
CJ 412 Correctional Management
HIST 231, 232 American History
P5YCH 332 Psychology of Adolescence
SOC 234 Social Psychology
SOC 327 Race Relations
SOC 434 Social Statistics
BUS 461 Labor Management
GOVT 334 Political Theory
BU5 352 Public Finance
ECON 236 Principles of Economics

CURRICULUM: CRIMINAL JUSTICE

First Year

First Semester			Second Semester		
Descriptive	Title		Descriptive	Title	
ENG 122	Reading	2	ENG 123	Reading	2
ENG 131	English Composition	3	ENG 132	English Composition	3
HIST 133	World Civilization	3	HIST 134	World Civilization	3
EDUCA 111	Freshman Orientation	½	CJ 101	Introduction to	
CHEM 131	Physical Science	3		Criminal Justice	3
PE 100	Personal Hygiene	½	BIOL 131	Fundamentals of Biology	3
SOC 132	Introduction to Sociology	3	ENG 121	Speech	2
MATH 130	Fundamentals of		PE 104	Physical Education	½
	Mathmatics	3			
	Total	18	Total		16½

Second Year

First Semester			Second Semester		
ENG 221	Humanities	2	ENG 222	Humanities	2
PSYCH 232	General Psychology	3	CJ 235	Law Enforcement	3
GOVT 332	American National		GOVT 336	American State and	
	Government	3		Local Government	3
ECON 235	Principles of Economics	3	PE 106	Physical Education	½
PE 105	Physical Education	½	Electives		6
SOC 231	Modern Social				
	Problems	3			
Electives		3			
	Total	17½	Total		14½

Third Year

First Semester			Second Semester		
SOC 322	Criminology	3	CJ 304	Criminal Justice Research	3
SOC 442	Juvenile Delinquency	3	CJ 310	Criminal Justice	
CJ 307	Internship	6		Organization	3
CJ 300	Introduction to Corrections	3	CJ 308	Internship	6
Electives		2	SOC 235	Urban Sociology	2
			Electives		2
	Total	17	Total		16

Fourth Year

First Semester			Second Semester		
CJ 401	Criminal Law	3	GOVT 335	Constitutional Law	3
CJ 403	Contemporary Police		CJ 420	Criminal Justice Seminar	4
	Policies & Problems	2	CJ 412	Correctional Management	3
CJ 405	Probation and Parole	2	SOC 327	Race Relations	2
CJ 409	Police Administration	3	PHIL 432	Ethics	3
GOVT 337	Judicial Process	3			
	Total	13	Total		15

COURSE DESCRIPTIONS

CJ 101. INTRODUCTION TO CRIMINAL JUSTICE. A survey of the various components of the criminal justice system at the local, state, and national levels. (3) Fall or Spring.

CJ 235. LAW ENFORCEMENT. This course is concerned with the history of law enforcement, the organization, role and function of the various law enforcement agencies with primary attention placed on American municipal police forces. (3) Fall or Spring.

CJ 307-308. INTERNSHIP. Supervised field experience. The student is placed in a criminal justice program or agency to gain practical knowledge. The field placement requires a minimum of 6 hours per week. **Prerequisites: CJ 101; majors with junior standing and approval of instructor. Fee \$20.00. (6) per semester. Fall or Spring.**

CJ 304. CRIMINAL JUSTICE RESEARCH. This course provides an introduction to the methods of research used in the study of criminal justice. **Prerequisite: CJ 101. (3) Fall.**

CJ 310. CRIMINAL JUSTICE ORGANIZATION. Principles of organization and management as applied to criminal justice agencies are examined as well as current issues in criminal justice management and organization. **Prerequisite: CJ 101 (3) Spring.**

CJ 401. CRIMINAL LAW. This course provides an analysis of the history, development and current status of criminal laws and codes on the state and national levels. **(3) Spring.**

CJ 403. CONTEMPORARY POLICE POLICIES AND PROBLEMS. Attention is placed on police decision-making through the use of contemporary case studies and selected issues. **Prerequisite: CJ 235. (3) Fall.**

CJ 300. INTRODUCTION TO CORRECTIONS. This course provides a historical overview of patterns of punishment and the development of corrections. The characteristics of various types of correctional facilities and alternatives to incarceration will be discussed. **(3) Fall.**

CJ 409. POLICE ADMINISTRATION. An introduction to police principles and organization with special emphasis on topics such as management techniques, personnel problems, planning and professionalization. **Prerequisite: CJ 235. (3) Spring.**

CJ 420. CRIMINAL JUSTICE SEMINAR. An in-depth analysis of contemporary topics in criminal justice. Advanced research papers will be prepared. **Prerequisites: Senior standing or with the consent of instructor; CJ 101; CJ 304. (4) Fall.**

CJ 412. CORRECTIONAL MANAGEMENT. Analysis of policies, procedures and problems in the administration of correctional institutions. **Prerequisite: Intro. to Corrections. (3) Spring.**

CJ 405. PROBATION AND PAROLE. This course provides an analysis of the theories and practices of probation and parole systems. **(2) Fall or Spring.**

MILITARY SCIENCE DEPARTMENT U. S. ARMY RESERVE OFFICER TRAINING CORPS (ROTC)

GENERAL: The Military Science curriculum is General Military Science with emphasis on fundamentals common to all branches of the Army. The primary objective of the Military Science Program is to produce commissioned officers for all branches of the U.S. Army. Vital secondary objectives are to impart citizenship, education, develop leadership potential, and stimulate and motivate students for future useful service in behalf of the Nation, in whatever profession they choose.

DESIRED LEARNING OUTCOMES: The Military Science Program is structured to provide students the opportunity to acquire:

1. A strong sense of personal integrity, honor, and individual responsibility.
2. An understanding of the principles of military leadership, management, and organization.
3. The ability to communicate effectively in a military environment both orally and in writing.
4. A general knowledge of the historical development of the U.S. Army and its role in support of national objectives.
5. An understanding of military life to include career opportunities and obligations.
6. A knowledge of the opportunity to apply principles of military science and tactics.

Textbooks, Uniforms and Equipment. All textbooks, uniforms, and instructional materials and equipment are provided free of charge.

Cadet Activity Fee. (\$10 per semester). Funds are used to defray the cost of two ROTC picnics (Fall and Spring), and other ROTC activities.

Military Science Program. The Program is divided into two parts: the Basic Course and the Advanced Course.

1. Basic Course. The Basic Course consists of education and training at the Freshman and Sophomore levels and may be completed by:

a. Satisfactory participation in Military Science courses for a total of eight semester hours as follows:

(1) MS 101, Introduction to Army ROTC	2 Semester Hours
(2) MS 102, American Military History	3 Semester Hours
(3) MS 201, Map Reading	2 Semester Hours
(4) MS 202, Small Unit Tactics	2 Semester Hours

b. Satisfactory completion of a six-week summer camp, MS 236, conducted at a military installation. (Six semester credit hours will be awarded for MS 236).

c. Basic Course requirements, if approved by the Professor of Military Science, may be waived for veterans or other persons with prior military experience and/or training.

d. There are no military service obligations incurred by participation in the Basic Course.

2. Advanced Course. The Advanced Course consists of training directed toward the Junior and Senior levels.

a. Prerequisite: Completion of the Basic Course or its equivalent.

b. Requirements for completion:

(1) Satisfactory completion of MS 300, 301, 302, 401, and 402.

(2) Attendance at a six-week summer camp.

c. Stipend: Payment of \$100 per month for 20 months is authorized to each student while enrolled in the Advanced Course.

3. Military Science courses may not be repeated for additional credit.

4. The minimum number of students for any class is *ten*.

5. Leadership Laboratory is an integral part of all Military Science courses and is required for all students except auditing students. Academic credit *is not* awarded for Leadership Laboratory *per se*.

DESCRIPTION OF COURSES

MS 101. INTRODUCTION TO ARMY ROTC. A required course for *all* Military Science students who have not otherwise met the prerequisite requirements for the ROTC Advanced Course. Course provides general information about the ROTC Program and history, benefits, basic organization, missions and activities of the U.S. Army. OPEN TO ALL STUDENTS. **(2) Fall or Spring.**

MS 102. AMERICAN MILITARY HISTORY. An investigation of American Military History, with emphasis on the U.S. Army's development and role in the periods of peace and war. Time span covers from Colonial period through the present. OPEN TO ALL STUDENTS. **(3) Fall or Spring.**

MS 201. MAP READING. A required course for *all* Military Science students and a prerequisite for the Advanced Course. A detailed course in the use of military maps, designed to develop proficiency in the interpretation of maps as an aid to land navigation and terrain analysis. OPEN TO ALL STUDENTS. **(2) Fall or Spring.**

MS 202. SMALL UNIT TACTICS. A required course for all Military Science students and prerequisite for the Advanced Course. A study of small unit tactics and the fundamentals of leadership with emphasis on function, duties and responsibilities of junior leaders. OPEN TO ALL STUDENTS. **(2) Fall or Spring.**

MS 236. BASIC CAMP. A six-week summer course conducted at a military installation. This course provides training equivalent to the Basic Course and is designed to qualify students for the ROTC Advanced Course. Emphasis is placed on training in the basic military skills of leadership, weapons, communications, tactics, map reading, and physical training. *Basic Camp applications must be made through the Professor of Military Science.* **(6) Summer.**

MS 301. MILITARY SCIENCE. Prerequisites: Basic Course or equivalent credits which may include MS 101, MS 201, and MS 202. The course includes an intense study of basic military skills needed by small unit leaders to be successful. Emphasis is placed on land navigation techniques, tactical application exercises, and physical training. Practical leadership instruction is provided during laboratory periods where emphasis is placed on acceptance of responsibility, exercise of command and development of self-confidence. LEADERSHIP LABORATORY IS REQUIRED. **(2) Fall.**

MS 302. MILITARY SCIENCE. Prerequisite: MS 301. An intensive course encompassing the study of the basic military skills, managerial skills (job performance), land navigation, tactical application exercise (TAX) and physical training to prepare the students mentally and physically to successfully complete Advanced ROTC Camp. Practical leadership instruction and evaluation are provided during leadership laboratory activities, where emphasis is placed on acceptance of

responsibility, exercise of command and development of self-confidence. LEADERSHIP LABORATORY IS REQUIRED. **(2) Spring.**

MS 401. MILITARY SCIENCE. Prerequisites: MS 301 and 302. A seminar approach in the study of the philosophy of military professional ethics and the theory and practice of the military justice system. Leadership laboratory periods emphasize the practical application of leadership techniques through the exercise of full command and staff responsibilities for the planning and execution of all phases of field training and leadership development. LEADERSHIP LABORATORY IS REQUIRED. **(3) Fall.**

MS 402. MILITARY SCIENCE. Prerequisite: MS 401. A seminar approach to leadership and management in the contemporary military environment with emphasis placed on the role of the noncommissioned officer, principles of war, command and staff functions, the Army logistics system and training management. Leadership laboratory periods continue to develop the practical experience begun in earlier courses using weekend training exercises as the problem vehicle to prepare the cadet for subsequent commissioning and attendance at basic branch school upon entry on active military service. LEADERSHIP LABORATORY IS REQUIRED. **(3) Spring.**

CONTINUING EDUCATION

The Continuing Education Program at Saint Augustine's College provides the opportunity for Advanced Career Development for those persons over compulsory school age, not currently enrolled in a comprehensive formal education program. The program provides late afternoon, evening, and Saturday classes designed for community citizens who wish to retool and/or develop career skills. (At least 10 students are required for each class.)

A prospective Continuing Education student matriculating for credit is required to submit the following materials to the Office of Admissions.

1. An application form furnished by the Director of Continuing Education.
2. A transcript of work completed on the secondary level, and on the college level, if applicable. The transcript must be the original copy. It must be sent to the Office of Admissions directly from the high school or college through the mail by appropriate officials.
3. A health certificate.

A prospective Continuing Education student matriculating for non-credit must come for pre-registration and registration on dates announced in the college's academic calendar.

Enrollees accepted in the Continuing Education program may take courses listed for offering. Students enrolled in the regular day schedule of classes are discouraged from enrolling in the evening classes.

To be eligible for admission, one should satisfy the following four stipulations:

1. Be a mature adult with a high school diploma.
2. Be in good standing with any college or university attended during the last three years.
3. Not be a degree candidate student in the regular Saint Augustine's College Program.
4. Meet college admissions standards.

COOPERATIVE EDUCATION

Cooperative Education is a carefully organized and supervised program of experimental learning in which the participating student enriches his or her education by alternating periods of study with periods of meaningful work. The philosophy behind cooperative education is to combine classroom instruction with off-campus paid work experience in an educationally sound way so that improved learning opportunities are created.

Cooperative Education has been described as an educational plan which is designed to use laboratories of the community in business, industry, and civic agencies to the best advantage of students, the college, and the employer. The combination of classroom instruction with related community field experience provides young people with additional opportunities which lead directly to provide productive employment in the community.

Mission and objectives of the Cooperative Education Program at Saint Augustine's College:

1. To enable students to apply theoretical academic education in a changing and realistic nonclassroom environment.
2. To enable students to investigate early in their training, professional and vocational alternatives.
3. To provide students the opportunity to develop a wide range of cultural enrichment.
4. To enable students in developing attitudes and skills conducive to effective interpersonal relationships.
5. To help students develop a greater appreciation of the value of education and help increase their motivation for education.

Cooperative Education is offered to students in all disciplines at Saint Augustine's College. The requirements for entry are as follows:

1. All participants should be students and must enroll in the program the semester in which academic credit is given.
2. All students should be sophomores or above.
3. Students should have a 2.00 G.P.A. or better.
4. Transfer students should have completed one semester at Saint Augustine's College with a G.P.A. of 2.00 or higher.

THE EDUCATIONAL TALENT SEARCH PROGRAM

The primary purpose of the Talent Search Program is to identify, counsel and assist talented youth who might have been overlooked by traditional means, to pursue post-secondary courses of study. Various individuals are assisted by talent search including school dropouts, job corp returnees, veterans and adults who show potential and desire to attend a college or university, technical institute or trade school. Special counseling is given to each individual in helping him/her to set up his/her educational program and to develop a financial assistance plan to meet the needs of his/her educational goals.

Talent Search Center Staff

Donald Armstrong Project Director
B.S., Saint Augustine's College, M.A., East Carolina University; Further Study
USC-Berkeley, CA; Worcester Polytechnical Institute, Worcester, MA.

Herman Rankins	Counselor
B.A., Elizabeth City State University; Further Study East Carolina University	
James A. Gilliam	Counselor
B.A., North Carolina Central University	
Shirley F. Martin	Secretary
Robert Morris Business College, Pittsburgh, PA.	

SPECIAL PROGRAM

MATHEMATICS RESOURCE SKILLS CENTER

Saint Augustine’s has instituted within the Mathematics and Physics Department a Mathematics Resource Skills Center.

The specific objectives of the Center are as follows:

1. To provide additional help to students with mathematical problems.
2. To provide laboratory and testing grounds for research in student and faculty mathematical skill development, i.e., mathematical skill, instructional techniques, etc.
3. To provide the prospective mathematic teachers with expertise and experience in teaching methodologies.

The Center, located in PHS Room 101, is equipped with various physical models, games, literature, machines, calculators and films to make learning more interesting and innovative to students.

All students at Saint Augustine’s College can make use of the Mathematics Resource Skills Center whether they are enrolled in mathematics courses or not. The students may indicate their interest in receiving help through the Mathematics Resource Skills Center to any of the Mathematics faculty or majors.

SPECIAL SERVICES PROGRAM

Saint Augustine’s Special Services Program is designed to assist those students who have academic potentials, but may lack adequate secondary preparations. The primary purpose of the program is to provide supportive services to freshmen and sophomore students enrolled at the institution.

The Special Services Program consists of five major components: Counseling, Tutorial Assistance, Academic Advisement, Special Enrichment Courses, and Cultural Enrichment Activities. These services are offered free of charge to students who meet certain eligibility requirements. A special curriculum is designed to improve students’ abilities in the areas of reading, oral and written communication skills.

DESCRIPTION OF COURSES

ENG 122-123. READING. The Reading phase of Special Services emphasizes improving reading skills in speed, comprehension, vocabulary and dictionary usage. The reading component is designed to improve reading comprehension as they relate to vocabulary expansion, spelling, sight and auditory word recognition, phonetics, analysis, inference and interpretation. **(2) Fall, (2) Spring.**

ENG 131-132. ENGLISH COMPOSITION. Studies in English Composition will provide both traditional and innovative activities that will strengthen the student's performance in grammatical and rhetorical skills. Also instructions for various speech situations will be offered. (3) Fall, (3) Spring.

STUDENT-EXCHANGE PROGRAM

The purpose of the proposed Saint Augustine's Student Exchange Program is to make possible students' encounters with environments different from their own. The college is seeking to provide for its students an opportunity to participate in a variety of off-campus study options which are different and to develop an awareness of, and insights into educational concerns and contributions of multi-diversity in the school and community.

The off-campus study should develop expanded resources and services responsive to the needs of and concerns for multi-cultural and multi-ethnic associations.

The Student Exchange Program was put into effect in the Fall of 1981, and includes participants from North Carolina colleges and universities and other interested institutions throughout the United States, both public and private.

For information concerning programs, eligibility, and procedure, write the Director of the Student Exchange Program at Saint Augustine's College.

PSYCHOLOGY

The program in psychology at Saint Augustine's consists of a general major which is flexible and may be chosen by students who wish to prepare for entry into professional and graduate study. The program's flexibility enables them to choose elective courses which prepare them for graduate programs of their interest.

Students are permitted to take classes outside of the department; they can take some elective (psychology) courses at Meredith College and North Carolina State University.

OFFICE OF THE PRESIDENT

- Dr. Prezell R. Robinson President
B.A., Saint Augustine's College; M.S., Ed.D., Cornell University; Doctor of Civil Laws, University of the South; Doctor of Humane Letters, Cuttington University College, Monrovia, Liberia; Doctor of Laws, Bishop College; Doctor of Laws, Columbia University; L.H.D., Voorhees College; L.H.D., Episcopal Theological Seminary, Alexander, Virginia; further study, Institute on College and University Administration, University of Michigan; Harvard University School of Behavioral Sciences; Mysore University (India)
- Dr. James A. Boyer President Emeritus
B.A., Morehouse College; M.A., Atlanta University; Ed.D., University of Michigan; further study, Institute for College and University Administrators, Harvard University; University of North Carolina at Chapel Hill
- Colonel Otis H. Saunders (Ret.) Executive Assistant to the President
B.S., West Virginia State College; M.A., North Carolina State University; further study, Catholic University
- Ms. Beverly Y. Scipio Special Assistant to the President for Institutional Advancement
B.A., Mount Holyoke College; M.P.A., Atlanta University; Certificate of Achievement, The Institute of Financial Education
- Mr. Gordon W. Robinson . . . Director of Institutional Research and Planning
B.A., Saint Augustine's College; M.A., Atlanta University; further study, Florida A&M University; Walden University; Virginia State University; University of Richmond; College of William and Mary; North Carolina State University
- The Rev. Cyril C. Burke Chaplain
Attended Saint Augustine's College and The George Mercer School of Theology; D.Min., Hartford Seminary
- Mrs. Margaret B. Boddie Executive Secretary to the President
B.A., Saint Augustine's College; Certificate in Managerial and Administrative Skills for the Professional Woman Program, The University of Michigan; Certificate in Educational Secretaries Seminar, Appalachian State University; Certificate in Improving Writing Skills for Executive Secretaries and Administrative Assistants, The Professional Institute of AMA
- Mrs. Carolyn Glover Secretary
Attended Fayetteville State University
- Ms. Elizabeth Daniels Secretary
Attended Wayne Community College
- Mrs. Ada Farrar Receptionist
Attended W. W. Holding Technical Institute; Hardbarger Business College; Certificate in Management and Organization, A&T College

OFFICE OF THE VICE PRESIDENT FOR ACADEMIC AFFAIRS

- Dr. Thelma Roundtree Vice President for Academic Affairs
B.A., Georgia State College; M.A., Atlanta University; Certificate of Humanities, Columbia University and Yale University; Ph.D., Emory University

Dr. Furney E. Brown, Jr. Assistant to the Vice President for Academic Affairs
B.S., Livingstone College; M.A., North Carolina Central University; Ed.D.,
University of Miami

Dr. Pete Holman Special Assistant to the Vice President for Academic Affairs
A.B., North Carolina Central University; M.S., University of North Carolina at
Chapel Hill; Ph.D., University of Toledo

Ms. Joyce Spivey Administrative Secretary
Attended the Electronic Computer Program Institute, Raleigh, North
Carolina

Ms. Geraldine M. Peterson Secretary
Attended King's College, Raleigh, North Carolina

Ms. Linda F. Buckram Secretary
B.S., Saint Augustine's College

Ms. Joan P. Lee Laboratory Assistant
Attended Saint Augustine's College

Ms. M. D. Eaton Administrative Secretary/Receptionist in the
Radio Broadcasting Journalism Center
Attended Shaw University and Johnson C. Smith University

Ms. Angela Boone Secretary in the Division of Social Science
B.A., Saint Augustine's College

OFFICE OF THE REGISTRAR

Mr. Willie L. Bryant Registrar
B.S., M.Ed., Florida A&M University

Mrs. Elsie S. Harrison Administrative & Information Assistant
B.A., Shaw University

Ms. Ava M. Holley Supervisor of Records
B.A., Saint Augustine's College

Ms. Cynthia M. Everette Secretary
Associate, Chowan College

Ms. Gladys Coley Transcript Clerk
B.A., Saint Augustine's College

Ms. Brenda Ewell Record Clerk III
B.A., Saint Augustine's College

OFFICE OF THE VICE PRESIDENT FOR FINANCIAL AFFAIRS

Fiscal Affairs

Dr. J. Mills Holloway Vice President for Financial Affairs
B.S., North Carolina Central University; further study, North Carolina State
University; University of Omaha; University of Kentucky; Institute for Educa-
tional Management; Warton School of Finance; Harvard University; Doctor of
Civil Laws, Saint Paul's College

Mrs. Margaret W. Ransdell Assistant to the Vice President for Financial
Affairs/Director of Personnel
B.A., Saint Augustine's College; M.S.C., North Carolina Central University;
further study, University of Nebraska at Omaha; North Carolina State Univer-
sity at Raleigh

Mrs. June K. Campbell Administrative Secretary
Attended Shaw University; Saint Augustine's College; North Carolina State
University

Accounting

Mr. Earl Raveneau Internal Auditor
B.S. Pace University

Mrs. Elizabeth T. Jiles Chief Accountant
B.A., Saint Augustine's College; further study, University of Kentucky; North
Carolina State University at Raleigh

Mr. Charles D. Maynard, Jr. Accountant
Attended Hardbarger Business College, North Carolina State University at
Raleigh

Mrs. Nancy S. Miller Accountant
W. W. Holding Technical Institute

Miss Pamela Twitty Accountant
B.S., Saint Augustine's College

Mrs. Barbara J. Hicks Secretary
Hardbarger Business College; B.S., Saint Augustine's College

Computer Services

Mrs. Angeline Prescott Director
B.S., Saint Augustine's College

Ms. Patsy Spencer Programmer/Analyst
Attended Asheboro Commercial College; Electronic Computer Program-
ming Institute; Winston-Salem State University

Ms. Drusilla A. Dunn Data Entry Operator
B.S., North Carolina A.&T. State University

Mr. Clarence Young, Jr. Computer Programmer
Raleigh School of Data Processing

Mrs. Artelia Burt Computer Operator
Raleigh School of Data Processing; Attended Saint Augustine's College

Business Services/Transportation

Mr. William B. Colbert Director
Attended Duquesne University

Mrs. Patricia W. Barfield Transportation Clerk
Johnson Technical Institute; Saint Augustine's College

Mr. Charles R. Edwards Post Office Supervisor
B.S., Saint Augustine's College

Bookstore

Mrs. Juanita H. McKnight Manager
DeShazor School of Cosmetology

Mrs. Cora B. Taylor Clerk
Attended Saint Augustine's College

Mrs. Inez Hayes Clerk
Attended Saint Augustine's College

Mrs. Katie L. Fitts Cashier
Attended North Carolina State University; LaSalle Extension University

Mrs. Sandra B. Alford Student Accounts Clerk
Raleigh Business College; Saint Augustine's College

Financial Aid

Mr. Mark Adkins Director
B.S., Fisk University; M.B.A., Northwestern University

Mrs. Sherri M. Avent Assistant Director
B.S., Saint Augustine's College; M.B.A., Atlanta University

Mr. Atreus L. S. Powell Work Study Coordinator
B.S., Saint Augustine's College

Miss Thelma Ross Counselor
B.A., Saint Augustine's College

Mrs. Betsy Sanders Secretary
Associate degree, Delta Area Vocational School

Mr. William (Billy) M. Wright, Jr. Job Development Coordinator
B.S., Norfolk State College; further study, Old Dominion University

Mrs. Barbara Raveneau Agreement Counselor
Attended Hampton Institute

National Direct Student Loan

Mrs. Nancy G. Wall Coordinator
Attended Saint Augustine's College

Mr. Patrick Voyce Collector-Consultant
Attended Loyola, Baltimore, Maryland and Chicago, Illinois

Ms. Madge Marshall Liaison Officer
Attended Saint Augustine's College; Kings Business College

Ms. Linda Wilson Secretary
B.S., Saint Augustine's College

Ms. Wanda Rogers Clerk
B.S., Saint Augustine's College

Security

Mr. Ernest L. Adams	Chief of Security
W. W. Holding Technical Institute; Wake Technical College; Associate degree in Police Science Technology	
Mrs. Elsie High	Assistant Chief
Mr. Ardo C. Holt	Night Supervisor
Wake Technical Institute	
Mr. Herman Lane	Evening Supervisor
Mr. Louis Shepard	Day Supervisor
Mr. Lonnie Hunter	Security Officer
B.S., Saint Augustine's College	
Mr. Ervin Dorsey	Security Officer
W. W. Holding Technical Institute	
Mr. Sidney Hinton	Security Officer
Mr. William Judkins	Security Officer
Mrs. Pearl Lee	Security Officer

Food Service

Mr. Frederick D. Smith	Director
B.S., Tuskegee Institute; further study, University of Nebraska at Omaha; M.Div., Shaw University	
Mrs. Linda Dunn	Secretary
Wilson County Technical Institute	
Mrs. Doris V. Thomas	Kitchen Supervisor
Mrs. Pauline Moore	Hostess-Ticket Puncher
Mr. Marjorie Shaw	Kitchen Supervisor

Buildings and Grounds

Mr. Lawrence B. Bradley	Superintendent
B.S., A.&T. State University; M.E., North Carolina State University; further study, New York State University of Oswego	
Mr. Rufus Ballentine	Assistant Superintendent
Electrical School — U.S. Air Force; W. W. Holding Technical Institute	
Mrs. Lottie Ferrell	Supervisor of Planning and Work Control
B.A., Saint Augustine's College	
Mrs. Wanda K. Nipper	Secretary
Mr. Walter Harris	Custodian Supervisor
Mrs. Valeen King	Housekeeping Supervisor
Mr. David Shepard	Grounds Foreman

Mr. Otis Wall	Inventory
Mr. Freeman Eaddy	Special Events Supervisor
Mr. James Hicks	Inventory Clerk

OFFICE OF THE VICE PRESIDENT FOR ADMINISTRATION

Dr Wiley M. Davis	Vice President for Administration
B.A., Saint Augustine's College; M.Ed., Springfield College; Ed.D., Brigham Young University; further study, East Tennessee State, University of Tennessee; University of Denver; Florida State University	
Mrs. Shirley F. Martin	Administrative Secretary
Robert Morris Business College	

Student Services

Mr. William T. Newkirk	Dean of Students
B.S., Saint Augustine's College; M.Ed., East Carolina State University; Sixth Year Certificate, University of North Carolina at Chapel Hill	
Mrs. M. Catherine White	Director of Student Life
B.S., M.S., A. & T. State University; further study, A. & T. State University; Hampton Institute	
Mr. George Williams	Director of Student Activities
B.A., Saint Augustine's College; M.A., North Carolina Central University; further study, Duke University; Wake Forest University	
Mrs. Gwendolyn K. Newsome	Counselor, Counseling Center
B.S., N. C. A. & T. State University, Greensboro, N.C.; M.A., University of N.C. — Greensboro, N.C.	
Mr. Gregory P. Slig ..	Coordinator of Auxiliary Housing and Campus Scheduling
B.A., Saint Augustine's College; further study, North Carolina State University	
Mrs. Millie D. Veasey	Director of Placement/Cooperative Education
B.A., Saint Augustine's College; completed requirements for M.A., North Carolina Central University; further study, University of Maryland/Eastern Shore; New York University	
Mrs. Carolyn Rogers	Secretary
Hardbarger Business College; Wake Technical Institute	
Mrs. Mary Cade	Secretary
B.S., Pembroke State University; further study, Fayetteville State University; Cortez Peters Business College	
Ms. Phyllis R. Jeffreys	Secretary
Ms. Nellie F. Privette	Secretary
B.S., Saint Augustine's College	
Mrs. Pauline Latta	Head Directress
Attended Shaw University	
Mrs. Nina Mitchell	Head Dormitory Directress
Attended Saint Augustine's College	

Ms. Phoebe A. Moore Head Dormitory Directress
B.A., Saint Augustine's College

Mrs. Quincy Mullen Assistant Dormitory Directress
Attended Elizabeth City State University

Mrs. Hermia D. Whitaker Assistant Dormitory Directress
B.S., Shaw University

Mr. Fenton Leslie Assistant Dormitory Director
B.A., Saint Augustine's College

Mrs. Alice McCullers Head Dormitory Directress
Attended Shaw University

Mrs. Maxine M. Nelson Assistant Dormitory Directress
Cortez Peters Business College; Blackwell Business College; American
University

Ms. Fannie Murphy Assistant Dormitory Director
Attended Saint Augustine's College

Mr. Lawrence Coleman Head Dormitory Director
B.A., Saint Augustine's College

Mr. Clarence Forte Director of Heck Street Apartments/
Coordinator of Work-Study Students
B.A., Saint Augustine's College

Mr. Leslie Cartwright Director of Addison Place
Attending Saint Augustine's College

Mr. Roy L. Ector Head Dormitory Director
B.S., Saint Augustine's College

Health Services

Dr. Cyril A. Allen College Physician
A.B., M.S.P.H., M.D., University of North Carolina at Chapel Hill

Ms. Barbareta Welch College Nurse
B.A. and B.S., University of North Carolina, Chapel Hill, N.C.

Mrs. Linda B. Williams Assistant to the College Nurse
Wilson County Technical Institute

Admissions

Mr. Igal E. Spraggins Director
B.S., Wilberforce University; M.Lit., University of Pittsburgh; further study,
University of Pittsburgh; University of Texas

Mr. Thomas Clark Admissions Counselor
B.A., Saint Augustine's College

Mr. Graham Venable, III Admissions Counselor
B.A., Saint Augustine's College

Mr. Keith Powell Admissions Counselor
B.S., Saint Augustine's College

Mrs. Betty Dixon Administrative & Information Assistant
Attended Virginia Technical Institute

College Union

Mrs. Kay F. Myatt Director
B.A., Saint Augustine's College; further study, Indiana University

Mr. Leon Carrington Supervisor of Recreation
B.A., Saint Augustine's College

Mr. Willie Kelly Assistant Night Supervisor of Recreation
B.S., Saint Augustine's College

Mr. Rice DeLoatche Night Supervisor of Recreation
B.S., A. & T. State University

Athletic Department

Mr. Harvey Heartley Athletic Director, Head, Basketball Coach
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